

# **JOURNAL OF THE AMERICAN VETERINARY MEDICAL ASSOCIATION**

Index for Volume 223  
No. 1 – 12 July – December 2003

Published by

**AMERICAN VETERINARY MEDICAL  
ASSOCIATION**

1931 N MEACHAM RD, SUITE 100, SCHAUMBURG, IL 60173-4360

## Index to News

### A

#### Abortion

Eastern tent caterpillars implicated in swine abortions, 1406

#### Abuse

New York enacts Good Samaritan law for veterinarians, 1719

#### Academy of Veterinary Emergency and Critical Care Technicians (AVECCT)

Veterinary emergency and critical care groups holds symposium, 1724

#### Academy of Veterinary Homeopathy (AVH)

American Holistic VMA, 1726

#### Accreditation

Research standard changed, 14

AVMA accredits six veterinary technology programs, 20

Western University's College of Veterinary Medicine accepts first class, receives provisional accreditation, 20

Ross veterinary school gets new ownership, new dean, 173

Site visits scheduled, 927

AAHA practice standards available to AVMA members, 1100

Western U veterinary college open for educating, 1245

#### Adverse Reactions

APHIS: West Nile virus vaccine safe for use, 416

Reporting adverse vaccine events, 753

Kaopectate reformulation could be dangerous to cats, 1400

Moxidectin gel gets new label, 1400

#### Africa

African disease reported for first time in Western Hemisphere, 161

Origins of monkeypox virus traced to imported African rodents, 418

State veterinarians, epidemiologists: advocate restrictions on wildlife trade, 571

#### Alabama

Veterinary students honored for addressing public health concerns, 423

Vaughan honored by Auburn, 940

Alabama VMA, 1414

#### American Academy of Veterinary Pharmacology and Therapeutics (AAVPT)

American Academy of Veterinary Pharmacology and Therapeutics, 774

#### American Animal Hospital Association (AAHA)

Profession renders second opinion about veterinary care, fees, 165

AAHA practice standards available to AVMA members, 1100

#### American Association of Avian Pathologists (AAAP)

World poultry congress enriches AVMA convention, 589

Affiliated groups gather in Denver, 931

#### American Association of Bovine Practitioners (AABP)

Needs of food animal sector to be assessed, 29

AABP to go the distance with CE, 1549

Over the top: AABP confers awards, 1552

A practitioner's academician, 1553

#### American Association of Equine Practitioners (AAEP)

AVMA supports AAEP statements, 16

Horse slaughter for human consumption faces hurdles, 419

AAEP calls for abstracts on joint disease in equids, 1724

#### American Association of Retired Persons (AARP)

New coalition partners to be sought, 27

#### American Association of Retired Veterinarians (AARV)

Affiliated groups gather in Denver, 932

#### American Association of Small Ruminant Practitioners (AASRP)

Needs of food animal sector to be assessed, 29

#### American Association of Swine Veterinarians (AASV)

Needs of food animal sector to be assessed, 29

HOD calls for review of sow gestation stalls, 573

#### American Association of Veterinary Laboratory Diagnosticians (AAVLD)

Monitoring antimicrobial susceptibility of animal pathogens, 1401

#### American Association of Veterinary Pathologists (AAVP)

Affiliated groups gather in Denver, 932

#### American Association of Veterinary State Boards' Program for Assessment of Veterinary Educational Equivalence Board (PAVE)

Stakeholders meet in Philadelphia to discuss ECFVG, PAVE, 287

Board approves action items in Denver, 581

#### American Board of Veterinary Specialties (ABVS)

New specialties categorized by large animal, small animal, 23

#### American Board of Veterinary Toxicology (ABVT)

Affiliated groups gather in Denver, 933

#### American College of Laboratory Animal Medicine (ACLAM)

Despite high demand, laboratory animal veterinarians in short supply, 925

Affiliated groups gather in Denver, 933

ACLAM takes stance, addresses threats to medical research, 1546

#### American College of Poultry Veterinarians (ACPV)

Affiliated groups gather in Denver, 933

#### American College of Theriogenologists (ACT)

Theriogenologists certified, 1413

#### American College of Veterinary Behaviorists (ACVB)

Grant benefits veterinary behavior specialists, 931

#### American College of Veterinary Clinical Pharmacology (ACVCP)

American College of Veterinary Clinical Pharmacology, 1247

#### American College of Veterinary Dermatology

American College of Veterinary Dermatology, 1414

#### American College of Veterinary Emergency and Critical Care (ACVECC)

Veterinary emergency and critical care groups holds symposium, 1724

#### American College of Veterinary Internal Medicine (ACVIM)

New specialties categorized by large animal, small animal, 23

American College of Veterinary Internal Medicine, 774, 941

#### American College of Veterinary Nutrition (ACVN)

American College of Veterinary Nutrition, 775

#### American College of Veterinary Ophthalmologists (ACVO)

New ACVO diplomates named, 1561

#### American College of Veterinary Preventive Medicine (ACVPM)

Affiliated groups gather in Denver, 934

#### American College of Veterinary Surgeons (ACVS)

New specialties categorized by large animal, small animal, 23

American College of Veterinary Surgeons, 1725

**American Holistic Veterinary Medical Association (AHVMA)**  
American Holistic VMA, 1726

**American Journal of Veterinary Research (AJVR) - Calls for Reviewers**, 293

**American Kennel Club (AKC)**  
AKC guidelines updated, 25

**American Meat Institute (AMI)**  
Food industry groups adopt welfare standards for chickens, 288

**American Society for the Prevention of Cruelty to Animals (ASPCA)**  
ASPCA study finds cocoa bean mulch could harm dogs, 1545

**American Society of Laboratory Animal Practitioners (ASLAP)**  
Nominations sought for laboratory animal research award, 924  
Despite high demand, laboratory animal veterinarians in short supply, 925  
Affiliated groups gather in Denver, 934

**American Society of Veterinary Medical Association Executives (ASVMAE)**  
Board appointees, 583  
Affiliated groups gather in Denver, 934

**American Veterinary Medical Foundation (AVMF)**  
Remembering 911, 9  
Board approves action items in Denver, 581  
AVMF pioneers nationwide disaster relief effort, 775  
AVMF calls for research proposals, 1240  
VMAT members respond to Hurricane Isabel, 1244

**American Veterinary Medical History Society (AVMHS)**  
Veterinary history and law enthusiasts to assemble, 19  
Affiliated groups gather in Denver, 935

**American Veterinary Medical Law Association (AVMLA)**  
Veterinary history and law enthusiasts to assemble, 19  
Revised Model Veterinary Practice Act approved, 24  
Affiliated groups gather in Denver, 935

**American Veterinary Society of Animal Behavior (AVSAB)**  
Affiliated groups gather in Denver, 936

**Analytic & Diagnostic Techniques**  
New CWD test available, 773  
Monitoring antimicrobial susceptibility of animal pathogens, 1401

**Animal Control**  
Illinois governor signs controversial dangerous dog bill, 1102

**Animal Liberation Front (ALF)**  
LSU laboratory vandalized, 1239

**Animal Medicinal Drug Use Clarification Act (AMDUCA)**  
FDA warns veterinarians and producers about violative residues, 923

**Animal Rights**  
Activists seek personhood for animals, 759  
Letter [B Chorush], 1564  
Response [BT Bennett], 1564  
Poll finds Americans cool toward animal rights, 168  
ACLAM takes stance, addresses threats to medical research, 1546

**Animal Transport**  
Airlines to report loss or harm to pets during transport, 922

**Animal Welfare**  
AVMA supports 'Survivors' campaign, 13  
AVMA opposes 'pet guardianship,' 14

Several factors at play when determining compensatory value of animals, AVMA says, 15

AVMA supports AAEP statements, 16  
Swine bills thwarted, 22  
Poll finds Americans cool toward animal rights, 168  
Food industry groups adopt welfare standards for chickens, 288  
Congress considers changing rules for downed livestock, 418  
Horse slaughter for human consumption faces hurdles, 419  
HOD calls for review of sow gestation stalls, 573  
Delegates stand behind induced molting position, 574  
LSU laboratory vandalized, 1239  
Lawsuit seeks stronger protections for primates, 1543  
ACLAM takes stance, addresses threats to medical research, 1546  
Veterinary leaders support science-based OIE animal welfare policies, 1560  
New UC-Davis surgery program to aid shelter animals, 1722

#### **Antimicrobial Resistance**

Antimicrobial resistance in wildlife: it's making a bigger splash than you think, 756  
Lawmakers seek to curb antimicrobial use in livestock, 772  
Airborne antimicrobials cause concern, 924  
Methicillin-resistant *Staphylococcus aureus*: An emerging problem in horses?, 1399  
Monitoring antimicrobial susceptibility of animal pathogens, 1401  
FDA guidance on antimicrobials aims to prevent resistance, 1714

#### **Antimicrobials**

AVMA weighs in on antimicrobial use in food animals—again, 29  
Antimicrobial testing standards published, 288  
McDonald's takes antimicrobial stance, 289  
WHO weighs in on antimicrobial debate again, 1241  
FDA guidance on antimicrobials aims to prevent resistance, 1714

#### **Appointments**

Committee to address contact with animals in public settings, 27  
Board names trust/committee representatives, liaisons, 32  
Veterinarian appointed to USDA biotechnology committee, 35  
Veterinarians appointed to USPOULTRY advisory committees, 36  
Maryland gets new state veterinarian, 173  
Ross veterinary school gets new ownership, new dean, 173  
OSU researcher elected to the NAS, 174  
Zhang appointed to endowed chair at Iowa veterinary college, 422  
Board appointees, 583  
Eyre steps down as Virginia-Maryland dean, 1412  
Crawford, Riviere elected to Institute of Medicine, 1723

#### **Arizona**

AVMA accredits six veterinary technology programs, 20  
Newcastle disease persists in four western states, 290

#### **Artwork**

'Animals in Art' entries sought for LSU art exhibition, 1245

#### **Association for Women Veterinarians (AWV)**

Affiliated groups gather in Denver, 936

**Association of American Veterinary Medical Colleges (AAVMC)**  
AVMA to fund National Academies study of nation's veterinary research needs, 13

Needs of food animal sector to be assessed, 29  
Veterinary students honored for addressing public health concerns, 423  
White paper advises partnership to reverse veterinarian shortages, 1404  
Two veterinary students learn politics isn't always about money, 1555

#### **Association of Avian Veterinarians (AAV)**

Avian veterinarians call for papers, 1100  
Association of Avian Veterinarians, 1725

#### **Association of Veterinarians for Animal Rights (AVAR)**

Kislak new AVAR president, 1246

**Association of Veterinary Advancement Professionals (AVAP)**  
Affiliated groups gather in Denver, 936

**Association of Veterinary Medical Association Executives (AVMAE)**  
Initiatives to enhance AVMA-constituent communication, 34

**Aventis Pasteur**  
Rabies vaccine for humans missing from some packages, 922

**AVMA Animal Agriculture Liaison Committee (AALC)**  
AVMA seeks passage of debt-reduction legislation, 27  
Needs of food animal sector to be assessed, 29

**AVMA Animal Welfare Committee (AWC)**  
Revisions to ear cropping, tail docking statement fail, 15  
AVMA supports AAEP statements, 16  
AVMA animal welfare position statements [GC Golab], 593

**AVMA Annual Convention**  
Activists seek personhood for animals, 759  
Letter [B Chorush], 1564  
Response [BT Bennett], 1564  
Remembering 911, 9  
Vaccination program session slated for Denver, 17  
A path to discovery, 18  
Speakers to provide financial planning tips for veterinarians, 18  
Veterinary history and law enthusiasts to assemble, 19  
Meet you in St. Louis in 2011, 33  
A MILE HIGH success, 569  
President Walther outlines priorities for the year ahead, 570  
Treasurer's proposed dues increase authorized, 572  
HOD calls for review of sow gestation stalls, 573  
Delegates stand behind induced molting position, 574  
Delegates open way for states to request more AVMA assistance, 575  
Kendall reelected to vice presidency, 576  
Resolution 3: should board chair eligibility be limited?, 576  
Delegates vote to "Leave it to Beaver," 577  
New House Advisory Committee members, 578  
Resolution 6: PR campaign referred for planning, 578  
Council members to be seated, 579  
Resolution 5: debt forgiveness for two fields of study?, 579  
Childers to seek presidency, Carlson vice presidency, 580  
Board approves action items in Denver, 581  
'America's Mayor' explains what it takes to be an effective leader, 584  
The secret of success, 585  
Top honors, 586  
World poultry congress enriches AVMA convention, 589  
Family night in Denver, 590  
A reaction to the COBTA vaccine report, 751  
The changing face of vaccine labels, 752  
Reporting adverse vaccine events, 753  
Antimicrobial resistance in wildlife: it's making a bigger splash than you think, 756  
Concentrated livestock operations, 758  
CDC releases epidemiologic surveys of dog bites in 2001, 760  
'We're looking for zebras now,' 761  
A global survey of the human-animal bond, 762  
Veterinary services in a global economy, 763  
Students learn, lounge, and legislate in Denver, 764  
SAVMA honors educators, 765  
Auxiliary fund-raisers a success, new president takes office, 766  
Delegates approve 12 amendments, 767  
AVMA honor roll members inducted, 768  
Senators emphasize importance of veterinarians participating in legislative process [RN Hay, Jr], 771  
AVMF pioneers nationwide disaster relief effort, 775  
International guests add dimension to convention, 929  
Affiliated groups gather in Denver, 931  
Grant benefits veterinary behavior specialists, 931  
White paper advises partnership to reverse veterinarian shortages, 1404  
Hill's provides impressive funding for future conventions, 1559

## **AVMA Answers**

AVMA's recommendations for cat and dog vaccination [E Curry-Galvin], 17  
Children's Online Privacy Protection Act [AA Jones], 293  
AVMA animal welfare position statements [GC Golab], 593  
Business Division monitors check fraud [DH Murawski], 926  
The role of the AVMA president-elect [BV Beaver], 1101  
The AVMA House Advisory Committee [CL Stoltzenow], 1243  
What is compounding? [E Curry-Galvin], 1558  
The AVMA Online Press Room [ME Walters], 1720

**AVMA Aquaculture and Seafood Advisory Committee (ASAC)**  
AVMA to co-sponsor aquaculture biosecurity session in 2004, 26  
Board appointees, 583

**AVMA Auxiliary**  
Auxiliary fund-raisers a success, new president takes office, 766

**AVMA/AVMF Congressional Science Fellowship Program**  
New congressional fellow announced, 425

**AVMA/AVMF Veterinary Medical Assistance Teams (VMATs)**  
Remembering 911, 9  
AVMF pioneers nationwide disaster relief effort, 775  
VMAT members respond to Hurricane Isabel, 1244

**AVMA Business Division**  
Business Division monitors check fraud [DH Murawski], 926

**AVMA Clinical Practitioners' Advisory Committee (CPAC)**  
Board appointees, 583

**AVMA Committee on Environmental Issues (CEI)**  
Statement on agricultural waste management revised, 30

**AVMA Committee on the Human-Animal Bond (H-AB)**  
AVMA opposes 'pet guardianship,' 14  
Several factors at play when determining compensatory value of animals, AVMA says, 15

**AVMA Committee on Veterinary Medical Informatics (CVMI)**  
AVMA supports proposed informatics center, 33

**AVMA Committee on Veterinary Technician Education and Activities (CVTEA)**  
AVMA accredits six veterinary technology programs, 20

**AVMA Communications Division**  
New coalition partners to be sought, 27  
Meeting links AVMA with state legislators, 583  
The AVMA Online Press Room [ME Walters], 1720

**AVMA Congressional Fellowship Program**  
AVMA designates Executive Branch Fellowship, 31

**AVMA Constitution and Bylaws**  
Treasurer's proposed dues increase authorized, 572  
Resolution 3: should board chair eligibility be limited?, 576  
Board approves action items in Denver, 581  
Delegates approve 12 amendments, 767  
The AVMA House Advisory Committee [CL Stoltzenow], 1243

**AVMA Convention and Meeting Planning Division**  
Meet you in St. Louis in 2011, 33

**AVMA Convention Management and Program Committee (CMPC)**  
Meet you in St. Louis in 2011, 33

**AVMA Council on Biologic and Therapeutic Agents (COBTA)**  
Executive Board supports creation of biologics advisory committee, 16  
Council members to be seated, 579

A reaction to the COBTA vaccine report, 751  
The changing face of vaccine labels, 752  
Reporting adverse vaccine events, 753  
FDA seeks to clear up confusion about compounding, 1103  
Tighter restrictions on drug imports proposed, 1240

#### **AVMA Council on Education (COE)**

Research standard changed, 14  
Site visits scheduled, 293  
Council members to be seated, 579  
Site visits scheduled, 927  
Western U veterinary college open for educating, 1245

#### **AVMA Council on Public Health and Regulatory Veterinary Medicine (CPHRVM)**

Workplace hazard guidelines revised, 23  
Policy on public health curriculum reaffirmed, 26  
Committee to address contract with animals in public settings, 27  
Policy covers food irradiation, 29  
Brucellosis policies updated, 30  
Updated John's, TSE statements adopted, 31  
Council members to be seated, 579

#### **AVMA Council on Public Relations (CoPR)**

AVMA recommits to National Pet Week for 2004, 25  
New coalition partners to be sought, 27  
Watch for veterinary public service ads at airports, 30  
Resolution 6: PR campaign referred for planning, 578  
Council members to be seated, 579

#### **AVMA Council on Research (COR)**

Research study, animal welfare positions among recommendations decided by Executive Board, 12  
AVMA to fund National Academies study of nation's veterinary research needs, 13  
Call for AJVR reviewers, 293  
Council members to be seated, 579  
AVMF calls for research proposals, 1240  
Survivors campaign promotes animal research to aid animals, 1547

#### **AVMA Council on Veterinary Service (CVS)**

Ergonomics guidelines adopted for veterinary practice, 23  
Workplace hazard guidelines revised, 23  
AKC guidelines updated, 25  
Pet health insurance statement revised, 25  
Council members to be seated, 579

#### **AVMA Councils and Committees**

Council, trust, committee nominations invited, 927

#### **AVMA Educational Commission for Foreign Veterinary Graduates (ECFVG)**

ECFVG accepts more English language examinations, 34  
Stakeholders meet in Philadelphia to discuss ECFVG, PAVE, 287  
Board approves action items in Denver, 581  
Board appointees, 583

#### **AVMA Executive Board (EB)**

AVMA board reelects Little, Tennyson, Peddie, 30  
Board names trust/committee representatives, liaisons, 32  
Resolution 3: should board chair eligibility be limited?, 576  
Childers to seek presidency, Carlson vice presidency, 580  
Board approves action items in Denver, 581  
Board appointees, 583

#### **AVMA Executive Branch Fellowship**

AVMA designates Executive Branch Fellowship, 31

#### **AVMA Finances**

Research study, animal welfare positions among recommendations decided by Executive Board, 12  
Treasurer's proposed dues increase authorized, 572  
Business Division monitors check fraud [DH Murawski], 926

#### **AVMA Governance Performance Review Committee (GPRC)**

Strategic planning coming into clearer focus, 34  
Board appointees, 583

#### **AVMA Governmental Relations Division (GRD)**

Senate considers specialty pay for board-certified health scientists, 22  
New coalition partners to be sought, 27  
Be a legislative watchdog, 165  
Meeting links AVMA with state legislators, 583  
Specialty pay legislation to recognize excellence in veterinary medicine, 594  
Be a legislative watchdog, 1102  
AVMA GRD adds three assistant directors, PAC/grassroots coordinator, 1409  
AVMA GRD, PAC, and you: A winning combination in Washington, 1410

#### **AVMA Group Health and Life Insurance Trust (GHLIT)**

GHLIT, PLIT announce new insurance programs, 755  
Fairhall joins GHLIT as executive manager, 1243

#### **AVMA Guidelines**

Ergonomics guidelines adopted for veterinary practice, 23  
Workplace hazard guidelines revised, 23  
Expanding the role of accredited veterinarians, 24  
AKC guidelines updated, 25  
Emergency preparedness is subject of two policy statements, 26  
Policy covers food irradiation, 29  
Brucellosis policies updated, 30

#### **AVMA Headquarters**

AVMA Renovation [BW Little], 1411

#### **AVMA Honor Roll**

AVMA honor roll members inducted, 768

#### **AVMA House Advisory Committee (HAC)**

Meet you in St. Louis in 2011, 33  
Campaign rules revised, 35  
New House Advisory Committee members, 578  
The AVMA House Advisory Committee [CL Stoltenow], 1243

#### **AVMA House of Delegates (HOD)**

Initiatives to enhance AVMA-constituent communication, 34  
Delegates stand behind induced molting position, 574  
Delegates approve 12 amendments, 767  
The AVMA House Advisory Committee [CL Stoltenow], 1243

#### **AVMA Judicial Council**

Workplace hazard guidelines revised, 23  
Principles of Veterinary Medical Ethics revised, 24  
Council members to be seated, 579

#### **AVMA Legislative Advisory Committee (LAC)**

AVMA supports AAEP statements, 16  
Emergency preparedness is subject of two policy statements, 26  
New coalition partners to be sought, 27  
AVMA designates Executive Branch Fellowship, 31

#### **AVMA Long-Range Planning Committee (LRPC)**

Strategic planning coming into clearer focus, 34

#### **AVMA Member Services Committee (MSC)**

Welcoming new AVMA members, 34

#### **AVMA Membership and Field Services Division**

Welcoming new AVMA members, 34  
Board approves action items in Denver, 581  
Updating AVMA membership records, 927

#### **AVMA Model Veterinary Practice Act**

Revised Model Veterinary Practice Act approved, 24

#### **AVMA Network of Animal Health (NOAH)**

Compendium of veterinary products online, 756, 1555  
Be a legislative watchdog, 1102

#### **AVMA Officers**

AVMA board reelects Little, Tennyson, Peddie, 30  
Campaign rules revised, 35  
AVMA, federal veterinarians meet in Washington, DC [J Kranzke], 168  
AVMA President Joe M Howell offers a few parting insights [JM Howell], 172  
Jack O Walther: Goals as AVMA president, 420  
President Walther outlines priorities for the year ahead, 570  
Treasurer's proposed dues increase authorized, 572  
Kendall reelected to vice presidency, 576  
Resolution 3: should board chair eligibility be limited?, 576  
Delegates vote to "Leave it to Beaver," 577  
Childers to seek presidency, Carlson vice presidency, 580  
The role of the AVMA president-elect [BV Beaver], 1101

#### **AVMA PLIT**

GHLIT, PLIT announce new insurance programs, 755

#### **AVMA Policies**

Expanding the role of accredited veterinarians, 24  
Emergency preparedness is subject of two policy statements, 26  
Policy covers food irradiation, 29  
Brucellosis policies updated, 30

#### **AVMA Political Action Committee (AVMA-PAC)**

Senators emphasize importance of veterinarians participating in legislative process [RN Hay, Jr], 771  
AVMA GRD adds three assistant directors, PAC/grassroots coordinator, 1409  
AVMA GRD, PAC, and you: A winning combination in Washington, 1410

#### **AVMA Position Statements**

AVMA opposes 'pet guardianship,' 14  
Revisions to ear cropping, tail docking statement fail, 15  
Several factors at play when determining compensatory value of animals, AVMA says, 15  
Executive Board supports creation of biologics advisory committee, 16  
Ergonomics guidelines adopted for veterinary practice, 23  
Workplace hazard guidelines revised, 23  
AVMA weighs in on antimicrobial use in food animals—again, 29  
Brucellosis policies updated, 30  
Statement on agricultural waste management revised, 30  
Updated John's, TSE statements adopted, 31  
McDonald's takes antimicrobial stance, 289  
Board approves action items in Denver, 581  
AVMA animal welfare position statements [GC Golab], 593  
AVMA reiterates Internet pharmacy statement, 1557

#### **AVMA Principles of Veterinary Medical Ethics**

Principles of Veterinary Medical Ethics revised, 24

#### **AVMA Publications Division**

Grodecki joins Publications Division, 926

#### **AVMA Resolutions**

HOD calls for review of sow gestation stalls, 573  
Delegates stand behind induced molting position, 574  
Delegates open way for states to request more AVMA assistance, 575  
Resolution 3: should board chair eligibility be limited?, 576  
Resolution 6: PR campaign referred for planning, 578  
Resolution 5: debt forgiveness for two fields of study?, 579  
Board approves action items in Denver, 581

#### **AVMA Scientific Activities Division**

Pickering introduces MUMS bill in House, 22  
Complaint form updated, 571

#### **AVMA Staff**

Grodecki joins Publications Division, 926  
AVMA GRD adds three assistant directors, PAC/grassroots coordinator, 1409

#### **AVMA Steering Committee on Antimicrobial Resistance (SCAR)**

Board appointees, 583

#### **AVMA Strategic Planning Committee (SPC)**

Strategic planning coming into clearer focus, 34  
Board approves action items in Denver, 581  
Board appointees, 583

#### **AVMA Veterinary Biologics Advisory Committee (VBAC)**

Executive Board supports creation of biologics advisory committee, 16

#### **Awards**

Phi Zeta honors two researchers, 36  
Defense secretary recognizes Herbold, 174  
Excellence in teaching recognized by Pfizer and UGA, 174  
OSU researcher elected to the NAS, 174  
Veterinarian receives MacArthur Award, 422  
California VMA, 423  
Veterinary students honored for addressing public health concerns, 423  
Massachusetts VMA, 424  
North Carolina VMA, 424  
Top honors, 586  
Idaho VMA, 595  
New Jersey VMA, 595  
SAVMA honors educators, 765  
American Academy of Veterinary Pharmacology and Therapeutics, 774  
American College of Veterinary Internal Medicine, 774  
Nominations sought for laboratory animal research award, 924  
Affiliated groups gather in Denver, 931  
University of Florida honors three, 940  
Vaughan honored by Auburn, 940  
Johnson-Delaney named 2003 Exotic DVM of the Year, 941  
Ohio State alumni recognized, 941  
AVMA seeks nominations for 2004 awards, 1104  
Reed honored for contributions to applied equine research, 1105  
South Dakota VMA, 1105  
Vermont VMA, 1105  
Miller inducted into ARS Hall of Fame, 1245  
Iowa State presents Stange Award, 1246  
Kansas State alumni recognized, 1246  
University of Florida researcher receives Golden Tortoise award, 1246  
Florida VMA, 1247  
Student captures top honor in public health competition, 1403  
Theriogenologists certified, 1413  
Alabama VMA, 1414  
Colorado VMA, 1414  
Over the top: AABP confers awards, 1552  
David named PHS Veterinarian of the Year, 1561  
Ohio State alumni honored, 1561  
Shearer awarded USDA's highest honor, 1561  
Maryland VMA, 1562  
Washington State VMA, 1562  
Teaching, research awards conferred, 1720  
University of Georgia alumni recognized, 1722  
NIH institute inducts Brinster, 1723  
University of Illinois honors veterinarians, 1723  
Veterinary emergency and critical care groups holds symposium, 1724  
American College of Veterinary Surgeons, 1725  
Association of Avian Veterinarians, 1725  
Iowa VMA, 1725  
American Holistic VMA, 1726

## **B**

#### **Bayer Animal Health**

Family night in Denver, 590



**Bio-Rad Laboratories**  
New CWD test available, 773

#### **Biosecurity**

AVMA to co-sponsor aquaculture biosecurity session in 2004, 26  
Emergency preparedness is subject of two policy statements, 26  
Though better prepared after 9/11, America still vulnerable to bioterrorism, 163  
AVMA, federal veterinarians meet in Washington, DC [J Kranzke], 168  
Defense secretary recognizes Herbold, 174  
Poultry biosecurity training CD available, 422  
Resolution 6: PR campaign referred for planning, 578  
'We're looking for zebras now,' 761  
Veterinarians are on the front lines of BSE control, 921  
Disease spillover woes, 1097  
Tufts University wins \$25 million NIH bioterrorism grant, 1357  
Center offers learning opportunities about bioterrorism, 1715  
Purdue professor awarded biodefense grant, 1717  
NIAID funds biosafety laboratories at Missouri, Colorado universities, 1721

#### **Biotechnology**

Veterinarian appointed to USDA biotechnology committee, 35  
Genetic engineering reminder, 162

#### **Bites**

CDC releases epidemiologic surveys of dog bites in 2001, 760

#### **Board Certification**

Specialty pay legislation to recognize excellence in veterinary medicine, 594  
Despite high demand, laboratory animal veterinarians in short supply, 925

#### **Bovine Spongiform Encephalopathy (BSE)**

Canadian BSE investigation continues, 10  
Canada wraps up BSE investigation, 919  
Veterinarians are on the front lines of BSE control, 921  
US lifts ban on select Canadian ruminant products, 922  
Update on BSE enforcement activities, 1544  
Multidisciplinary conference tackles BSE, CWD, 1554  
OIE: Too few countries follow international BSE guidelines, 1718

#### **Brucellosis**

Brucellosis policies updated, 30  
Disease spillover woes, 1097

### **C**

#### **California**

Vaccines may be key to controlling FMD, 11  
Western University's College of Veterinary Medicine accepts first class, receives provisional accreditation, 20  
Swine bills thwarted, 22  
AVMA board reelects Little, Tennyson, Peddie, 30  
Newcastle disease persists in four western states, 290  
Poultry biosecurity training CD available, 422  
California VMA, 423  
Western U veterinary college open for educating, 1245  
Kislak new AVAR president, 1246  
Wildfires pack a wallop, 1716  
New UC-Davis surgery program to aid shelter animals, 1722

#### **Calls for Abstracts**

Abstracts invited on emerging, infectious diseases, 923  
Abstracts invited on nonsurgical contraceptive methods, 1100  
AAEP calls for abstracts on joint disease in equids, 1724

#### **Calls for Papers**

Avian veterinarians call for papers, 1100

#### **Calls for Proposals**

AVMF calls for research proposals, 1240  
Winn Feline Foundation calls for grant proposals, 1244

#### **Canada**

Canadian BSE investigation continues, 10  
Canada wraps up BSE investigation, 919  
US lifts ban on select Canadian ruminant products, 922  
Methicillin-resistant *Staphylococcus aureus*: An emerging problem in horses?, 1399

#### **Carbaryl**

Carbaryl registrations for pets to be canceled, except for flea collars, 593

#### **Careers**

AgScholars program to begin, 170

#### **Centers for Disease Control and Prevention (CDC)**

Committee to address contract with animals in public settings, 27  
African disease reported for first time in Western Hemisphere, 161  
Origins of monkeypox virus traced to imported African rodents, 418  
CDC releases epidemiologic surveys of dog bites in 2001, 760  
Rabies vaccine for humans missing from some packages, 922  
WHO weighs in on antimicrobial debate again, 1241  
New restrictions for preventing monkeypox spread finalized, 1712  
Iowa Center for Food Security and Public Health receives special designation, 1715  
Purdue professor awarded biodefense grant, 1717

#### **China**

Researchers identify wild animal reservoirs for SARS, 12  
More research, tougher regulations needed to beat future SARS outbreaks, say researchers, 1242

#### **Christian Veterinary Mission (CVM)**

Affiliated groups gather in Denver, 937

#### **Chronic Wasting Disease (CWD)**

New CWD test available, 773  
Multidisciplinary conference tackles BSE, CWD, 1554

#### **Cloning**

First member of the equine family cloned, 292  
FDA assesses safety of food products from cloned animals, 1712

#### **Coalition for Animal Health**

WHO weighs in on antimicrobial debate again, 1241

#### **Cocoa Bean Mulch**

ASPCA study finds cocoa bean mulch could harm dogs, 1545

#### **Colorado**

Students tutor practitioners, 28  
West Nile virus warning system, 415  
APHIS: West Nile virus vaccine safe for use, 416  
A MILE HIGH success, 569  
Colorado VMA, 4414  
NIAID funds biosafety laboratories at Missouri, Colorado universities, 1721

#### **Companion Animals**

Pet health insurance statement revised, 25  
Preparing pets for a terrorist attack: Tips for clients, 162  
The changing face of vaccine labels, 752  
Airlines to report loss or harm to pets during transport, 922

#### **Consumer Reports Magazine**

Profession renders second opinion about veterinary care, fees, 165

#### **Continuing Education**

Vaccination program session slated for Denver, 17  
Students tutor practitioners, 28  
AABP to go the distance with CE, 1549  
Center offers learning opportunities about bioterrorism, 1715

## Controlled Substances

DEA considers electronic order forms for controlled substances. 416  
DEA proposes changes to reporting controlled substance loss. 571  
Tighter restrictions on drug imports proposed. 1240  
DEA publishes controversial new fee schedule for controlled substance registration. 1545

## Corrections

Evaluating behavior (JAVMA, 2003;223:421). 1102

## Council of State and Territorial Epidemiologists (CSTE)

Committee to address contract with animals in public settings. 27

## Cropping

Revisions to ear cropping, tail docking statement fail. 15  
New AAHA position statement opposes cosmetic ear cropping, tail docking. 1713

## D

### Databases

Compendium of veterinary products online. 756, 1555  
Web site offers veterinarians detailed drug information. 1401  
Industry group launches informational Web site. 1402

### Denmark

WHO weighs in on antimicrobial debate again. 1241

### Diplomates

American College of Veterinary Nutrition. 775  
American College of Veterinary Internal Medicine. 941  
American College of Veterinary Clinical Pharmacology. 1247  
Theriogenologists certified. 1413  
American College of Veterinary Dermatology. 1414  
New ACVO diplomates named. 1561

### Disasters

Emergency preparedness is subject of two policy statements. 26  
Preparing pets for a terrorist attack: Tips for clients. 162  
'America's Mayor' explains what it takes to be an effective leader. 584  
Flood damages Georgia veterinary college laboratories. 773  
AVMF pioneers nationwide disaster relief effort. 775  
VMAT members respond to Hurricane Isabel. 1244  
Wildfires pack a wallop. 1716

### Docking

Revisions to ear cropping, tail docking statement fail. 15  
New AAHA position statement opposes cosmetic ear cropping, tail docking. 1713

### Donations

Textbooks, supplies for foreign colleagues. 1403

### Drug Compounding

FDA seeks to clear up confusion about compounding. 1103  
What is compounding? [E Curry-Galvin]. 1558

### Drug Enforcement Administration (DEA)

DEA considers electronic order forms for controlled substances. 416  
DEA proposes changes to reporting controlled substance loss. 571  
Tighter restrictions on drug imports proposed. 1240  
DEA publishes controversial new fee schedule for controlled substance registration. 1545

### Drug Residues

FDA warns veterinarians and producers about violative residues. 923

### Drugs

DEA proposes changes to reporting controlled substance loss. 571  
Tighter restrictions on drug imports proposed. 1240  
Kapectate reformulation could be dangerous to cats. 1400  
Web site offers veterinarians detailed drug information. 1401  
Congress passes Animal Drug User Fee Act. 1711

## E

### Economics

AVMA seeks passage of debt-reduction legislation. 27  
Students tutor practitioners. 28  
Profession renders second opinion about veterinary care, fees. 165  
Animal health product sales creep up in 2002. 1403

### Elections

AVMA board reelects Little, Tennyson, Peddie. 30  
Campaign rules revised. 35  
California VMA. 423  
Massachusetts VMA. 424  
North Carolina VMA. 424  
Kendall reelected to vice presidency. 576  
Resolution 3: should board chair eligibility be limited?. 576  
Delegates vote to "Leave it to Beaver." 577  
New House Advisory Committee members. 578  
Council members to be seated. 579  
Childers to seek presidency. Carlson vice presidency. 580  
Board approves action items in Denver. 581  
Idaho VMA. 595  
New Jersey VMA. 595  
Auxiliary fund-raisers a success. new president takes office. 766  
American Academy of Veterinary Pharmacology and Therapeutics. 774  
American College of Veterinary Internal Medicine. 774  
Affiliated groups gather in Denver. 931  
South Dakota VMA. 1105  
Vermont VMA. 1105  
Kislak new AVAR president. 1246  
Florida VMA. 1247  
Theriogenologists certified. 1413  
Alabama VMA. 1414  
Colorado VMA. 1414  
A practitioner's academician. 1553  
Maryland VMA. 1562  
Washington State VMA. 1562  
Veterinary emergency and critical care groups holds symposium. 1724  
American College of Veterinary Surgeons. 1725  
Association of Avian Veterinarians. 1725  
Iowa VMA. 1725  
American Holistic VMA. 1726

### Emergencies

Emergency preparedness is subject of two policy statements. 26  
Preparing pets for a terrorist attack: Tips for clients. 162

### Emerging Infectious Diseases

Abstracts invited on emerging, infectious diseases. 923  
Methicillin-resistant *Staphylococcus aureus*: An emerging problem in horses?. 1399

### Environment

Statement on agricultural waste management revised. 30  
Antimicrobial resistance in wildlife: it's making a bigger splash than you think. 756  
Concentrated livestock operations. 758  
Warning added to euthanasia products. 773  
Airborne antimicrobials cause concern. 924

### Environmental Protection Agency (EPA)

Carbaryl registrations for pets to be canceled, except for flea collars. 593

### Epidemiology

Defense secretary recognizes Herbold. 174  
West Nile virus warning system. 415  
APHIS: West Nile virus vaccine safe for use. 416  
Veterinarians are on the front lines of BSE control. 921

### *Escherichia coli*

FDA considers lactoferrin safe to fight *E. coli*. 1100



### Exotic Newcastle Disease

Newcastle disease persists in four western states, 290

### Extralabel Drug Use

FDA warns veterinarians and producers about violative residues, 923

## F

### Farm Sanctuary

HOD calls for review of sow gestation stalls, 573

### Federal Communications Commission (FCC)

Provisions of FCC faxing rule postponed, 1099

### Federal Trade Commission (FTC)

Pfizer merges with Pharmacia, 171

### Federal Veterinarians

Students meet with nation's top government veterinarians, 938

### Feed

Petcurean Go! Natural pet food recalled, 1712

### Florida

AVMA accredits six veterinary technology programs, 20

Swine bills thwarted, 22

University of Florida honors three, 940

Kislak new AVAR president, 1246

University of Florida researcher receives Golden Tortoise award, 1246

Florida VMA, 1247

### Food and Drug Administration (FDA)

Genetic engineering reminder, 162

Complaint form updated, 571

Warning added to euthanasia products, 773

FDA warns veterinarians and producers about violative residues, 923

FDA considers lactoferrin safe to fight *E. coli*, 1100

FDA seeks to clear up confusion about compounding, 1103

WHO weighs in on antimicrobial debate again, 1241

Web site offers veterinarians detailed drug information, 1401

Update on BSE enforcement activities, 1544

Congress passes Animal Drug User Fee Act, 1711

FDA assesses safety of food products from cloned animals, 1712

New restrictions for preventing monkeypox spread finalized, 1712

FDA guidance on antimicrobials aims to prevent resistance, 1714

### Food Animal Industry

Canadian BSE investigation continues, 10

Canada wraps up BSE investigation, 919

Veterinarians are on the front lines of BSE control, 921

### Food Marketing Institute (FMI)

Food industry groups adopt welfare standards for chickens, 288

### Food Safety

Policy covers food irradiation, 29

McDonald's takes antimicrobial stance, 289

Congress considers changing rules for downed livestock, 418

Resolution 6: PR campaign referred for planning, 578

FDA considers lactoferrin safe to fight *E. coli*, 1100

WHO weighs in on antimicrobial debate again, 1241

Industry group launches informational Web site, 1402

FDA assesses safety of food products from cloned animals, 1712

Petcurean Go! Natural pet food recalled, 1712

Iowa Center for Food Security and Public Health receives special designation, 1715

OIE: Too few countries follow international BSE guidelines, 1718

### Foot and Mouth Disease (FMD)

Vaccines may be key to controlling FMD, 11

### Foreign Aid

Needs of animals in Iraq being assessed, 11

### Foreign Animal Disease

Canadian BSE investigation continues, 10

Expanding the role of accredited veterinarians, 24

African disease reported for first time in Western Hemisphere, 161

Canada wraps up BSE investigation, 919

US lifts ban on select Canadian ruminant products, 922

OIE: Too few countries follow international BSE guidelines, 1718

### Foreign Veterinary Graduates

ECFVG accepts more English language examinations, 34

Stakeholders meet in Philadelphia to discuss ECFVG, PAVE, 287

Board approves action items in Denver, 581

### Fort Dodge Animal Health

APHIS: West Nile virus vaccine safe for use, 416

### Foundation for Biomedical Research (FBR)

AVMA supports 'Survivors' campaign, 13

Survivors campaign promotes animal research to aid animals, 1547

### Fraud

Business Division monitors check fraud [DH Murawski], 926

### Funding

AVMA to fund National Academies study of nation's veterinary research needs, 13

AVMA seeks passage of debt-reduction legislation, 27

Students tutor practitioners, 28

Needs of food animal sector to be assessed, 29

AVMA supports proposed informatics center, 33

MRLS research funding available, 595

Auxiliary fund-raisers a success, new president takes office, 766

AVMF pioneers nationwide disaster relief effort, 775

Grant benefits veterinary behavior specialists, 931

Grants support innovative research by veterinary students, 940

AVMF calls for research proposals, 1240

Winn Feline Foundation calls for grant proposals, 1244

Two veterinary students learn politics isn't always about money, 1555

Tufts University wins \$25 million NIH bioterrorism grant, 1537

Hill's provides impressive funding for future conventions, 1559

Purdue professor awarded biodefense grant, 1717

NIAID funds biosafety laboratories at Missouri, Colorado universities, 1721

NIH awards \$1 million grant to University of Minnesota, 1722

## G

### Genetics

Genetic engineering reminder, 162

New method yields a glimpse at canine genome, 1405

### Georgia

AVMA accredits six veterinary technology programs, 20

Veterinarians appointed to USPOULTRY advisory committees, 36

Excellence in teaching recognized by Pfizer and UGA, 174

Flood damages Georgia veterinary college laboratories, 773

University of Georgia alumni recognized, 1722

### Grayson-Jockey Club

MRLS research funding available, 595

## H

### Hawaii

AVMA to co-sponsor aquaculture biosecurity session in 2004, 26

### Hill's Pet Nutrition

Veterinary students honored for addressing public health concerns, 423

The secret of success, 585

Hill's provides impressive funding for future conventions, 1559

### Human-Animal Bond

AVMA opposes 'pet guardianship,' 14

Several factors at play when determining compensatory value of animals, AVMA says, 15  
AVMA recommit to National Pet Week for 2004, 25  
A global survey of the human-animal bond, 762

## I

### Idaho

First member of the equine family cloned, 292  
Idaho VMA, 595

### ILAR Journal

ILAR Journal devotes issue to behavioral research outside the laboratory, 171

### Illinois

AVMA board reelects Little, Tennyson, Peddie, 30  
African disease reported for first time in Western Hemisphere, 161  
Ross veterinary school gets new ownership, new dean, 173  
Illinois legislature passes controversial dangerous-dog bill, 294  
West Nile virus warning system, 415  
Origins of monkeypox virus traced to imported African rodents, 418  
Evaluating behavior, 421  
New congressional fellow announced, 425  
Illinois governor signs controversial dangerous dog bill, 1102  
Illinois dedicates biomedical laboratory, 1722  
University of Illinois honors veterinarians, 1723

### Indiana

African disease reported for first time in Western Hemisphere, 161  
Origins of monkeypox virus traced to imported African rodents, 418  
Evaluating behavior, 421  
Monitoring antimicrobial susceptibility of animal pathogens, 1401  
Purdue professor awarded biodefense grant, 1717

### Induced Molting

Delegates stand behind induced molting position, 574

### Infectious Salmon Anemia (ISA)

Maine officials battle new outbreak of ISA, 291

### Informatics

AVMA supports proposed informatics center, 33

### Insecticides

Carbaryl registrations for pets to be canceled, except for flea collars, 593

### Institute for Agriculture and Trade Policy (IATP)

WHO weighs in on antimicrobial debate again, 1241

### Institute for Laboratory Animal Research (ILAR)

ILAR Journal devotes issue to behavioral research outside the laboratory, 171

### Insurance

Pet health insurance statement revised, 25  
GHLIT, PLIT announce new insurance programs, 755  
Fairhall joins GHLIT as executive manager, 1243

### International Veterinary Medicine

Needs of animals in Iraq being assessed, 11  
A path to discovery, 18  
AVMA to recognize Mexican veterinary school anniversary, 35  
Board approves action items in Denver, 581  
A global survey of the human-animal bond, 762  
Veterinary services in a global economy, 763  
International guests add dimension to convention, 929  
Textbooks, supplies for foreign colleagues, 1403

### Internet

Children's Online Privacy Protection Act [AA Jones], 293  
AAHA practice standards available to AVMA members, 1100

### Internet Pharmacies

AVMA reiterates Internet pharmacy statement, 1557

### Iowa

Students tutor practitioners, 28  
Evaluating behavior, 421  
Zhang appointed to endowed chair at Iowa veterinary college, 422  
Concentrated livestock operations, 758  
Iowa State's dean to retire, 940  
Iowa State presents Stange Award, 1246  
Center offers learning opportunities about bioterrorism, 1715  
Iowa Center for Food Security and Public Health receives special designation, 1715  
Iowa VMA, 1725

### Iraq

Needs of animals in Iraq being assessed, 11

### Irradiation

Policy covers food irradiation, 29

## J

### Johne's Disease

Updated Johne's, TSE statements adopted, 31

## K

### Kansas

African disease reported for first time in Western Hemisphere, 161  
Origins of monkeypox virus traced to imported African rodents, 418  
Kansas State alumni recognized, 1246

### Kaopectate

Kaopectate reformulation could be dangerous to cats, 1400

## L

### Labeling

Warning added to euthanasia products, 773  
Moxidectin gel gets new label, 1400

### Laboratory Animal Medicine

ILAR Journal devotes issue to behavioral research outside the laboratory, 171  
Despite high demand, laboratory animal veterinarians in short supply, 925

### Lactoferrin

FDA considers lactoferrin safe to fight *E. coli*, 1100

### Leadership

'America's Mayor' explains what it takes to be an effective leader, 584

### Legislation

Canadian BSE investigation continues, 10  
AVMA supports AAEP statements, 16  
Pickering introduces MUMS bill in House, 22  
Senate considers specialty pay for board-certified health scientists, 22  
Swine bills thwarted, 22  
AVMA seeks passage of debt-reduction legislation, 27  
Be a legislative watchdog, 165  
Children's Online Privacy Protection Act [AA Jones], 293  
Illinois legislature passes controversial dangerous-dog bill, 294  
DEA considers electronic order forms for controlled substances, 416  
Congress considers changing rules for downed livestock, 418  
Horse slaughter for human consumption faces hurdles, 419  
Delegates open way for states to request more AVMA assistance, 575  
Meeting links AVMA with state legislators, 583  
Specialty pay legislation to recognize excellence in veterinary medicine, 594  
Senators emphasize importance of veterinarians participating in legislative process [RN Hay, Jr], 771

Lawmakers seek to curb antimicrobial use in livestock, 772  
 Canada wraps up BSE investigation, 199  
 Be a legislative watchdog, 1102  
 Illinois governor signs controversial dangerous dog bill, 1102  
 Tighter restrictions on drug imports proposed, 1240  
 WHO weighs in on antimicrobial debate again, 1241  
 AVMA GRD, PAC, and you: A winning combination in Washington, 1410  
 Two veterinary students learn politics isn't always about money, 1555  
 New restrictions for preventing monkeypox spread finalized, 1712  
 New York enacts Good Samaritan law for veterinarians, 1719

#### Licensure

Stakeholders meet in Philadelphia to discuss ECFVG, PAVE, 287

#### Litigation

AVMA opposes 'pet guardianship,' 14  
 Several factors at play when determining compensatory value of animals, AVMA says, 15  
 Lawsuit seeks stronger protections for primates, 1543

#### Livestock

Congress considers changing rules for downed livestock, 418  
 Concentrated livestock operations, 758  
 Lawmakers seek to curb antimicrobial use in livestock, 772

#### Louisiana

West Nile virus warning system, 415  
 Antimicrobial resistance in wildlife: it's making a bigger splash than you think, 756  
 LSU laboratory vandalized, 1239  
 'Animals in Art' entries sought for LSU art exhibition, 1245

## M

#### Maine

Students tutor practitioners, 28  
 Maine officials battle new outbreak of ISA, 291

#### Malpractice

AVMA opposes 'pet guardianship,' 14  
 Several factors at play when determining compensatory value of animals, AVMA says, 15

#### Mare Reproductive Loss Syndrome (MRLS)

MRLS research funding available, 595  
 Eastern tent caterpillars implicated in swine abortions, 1406

#### Maryland

Swine bills thwarted, 22  
 AVMA supports proposed informatics center, 33  
 Preparing pets for a terrorist attack: Tips for clients, 162  
 Maryland gets new state veterinarian, 173  
 Evaluating behavior, 421  
 Veterinary students honored for addressing public health concerns, 423  
 Eyre steps down as Virginia-Maryland dean, 1412  
 Maryland VMA, 1562

#### Massachusetts

Massachusetts VMA, 424  
 HOD calls for review of sow gestation stalls, 573  
 Tufts University wins \$25 million NIH bioterrorism grant, 1557

#### McDonald's Corporation

McDonald's takes antimicrobial stance, 289

#### Medical Records

HHS advances electronic medical record-keeping system, 754

#### Merck-Merial

Grants support innovative research by veterinary students, 940

#### Mergers and Acquisitions

Pfizer merges with Pharmacia, 171

#### Mexico

AVMA to recognize Mexican veterinary school anniversary, 35  
 Mexican school hosts fruitful, festive event, 1407

#### Michigan

AVMA accredits six veterinary technology programs, 20  
 Disease spillover woes, 1097  
 Evaluating behavior, 421  
 Correction, 1102

#### Microchips

Illinois legislature passes controversial dangerous-dog bill, 294  
 Illinois governor signs controversial dangerous dog bill, 1102

#### Military Veterinarians

Veterinarian receives MacArthur Award, 422  
 Board approves action items in Denver, 581  
 Specialty pay legislation to recognize excellence in veterinary medicine, 594

#### Minnesota

AVMA accredits six veterinary technology programs, 20  
 Students tutor practitioners, 28  
 Evaluating behavior, 421  
 Correction, 1102  
 NIH awards \$1 million grant to University of Minnesota, 1722

#### Minor Use and Minor Species Animal Health Act (MUMS)

Pickering introduces MUMS bill in House, 22

#### Mississippi

Pickering introduces MUMS bill in House, 22  
 AVMA seeks passage of debt-reduction legislation, 27

#### Missouri

Meet you in St. Louis in 2011, 33  
 African disease reported for first time in Western Hemisphere, 161  
 AgScholars program to begin, 170  
 Origins of monkeypox virus traced to imported African rodents, 418  
 NIAID funds biosafety laboratories at Missouri, Colorado universities, 1721

#### Monkeypox

African disease reported for first time in Western Hemisphere, 161  
 Origins of monkeypox virus traced to imported African rodents, 418  
 New restrictions for preventing monkeypox spread finalized, 1712

#### Moxidectin

Moxidectin gel gets new label, 1400

## N

#### National Academies

Research study; animal welfare positions among recommendations decided by Executive Board, 12

#### National Academy of Sciences (NAS)

OSU researcher elected to the NAS, 174  
 Crawford, Riviere elected to Institute of Medicine, 1723

#### National Association of State Departments of Agriculture (NASDA)

Emergency preparedness is subject of two policy statements, 26

#### National Association of State Public Health Veterinarians (NASPHV)

Committee to address contract with animals in public settings, 27  
 State veterinarians, epidemiologists advocate restrictions on wildlife trade, 571

**National Board of Veterinary Medical Examiners (NBVME)**

Affiliated groups gather in Denver, 937

**National Cattlemen's Beef Association (NCBA)**

Food industry groups adopt welfare standards for chickens, 288

**National Commission on Veterinary Economic Issues (NCVEI)**

Students tutor practitioners, 28

Needs of food animal sector to be assessed, 29

**National Committee for Clinical Laboratory Standards (NCCLS)**

Antimicrobial testing standards published, 288

**National Conference of State Legislatures (NCSL)**

Meeting links AVMA with state legislators, 583

**National Council of Chain Restaurants (NCCR)**

Food industry groups adopt welfare standards for chickens, 288

**National Institute of Allergy and Infectious Diseases (NIAID)**

NIAID funds biosafety laboratories at Missouri, Colorado universities, 1721

**National Institutes of Health (NIH)**

NIH awards \$1 million grant to University of Minnesota, 1722

NIH institute inducts Brinster, 1723

**National Pet Week**

AVMA recommits to National Pet Week for 2004, 25

**National Pork Board (NPB)**

Food industry groups adopt welfare standards for chickens, 288

**National Research Council (NRC)**

NRC issues new nutrient requirements for dogs and cats, 1099

**National Veterinary Medical Service Act**

AVMA seeks passage of debt-reduction legislation, 27

AVMA, federal veterinarians meet in Washington, DC [J Kranzke], 168

**Nestle Purina**

Students learn, lounge, and legislate in Denver, 764

**Nevada**

Newcastle disease persists in four western states, 290

**New Jersey**

New Jersey VMA, 595

VMAT members respond to Hurricane Isabel, 1244

**New Mexico**

Newcastle disease persists in four western states, 290

**New York**

Remembering 911, 9

AVMA supports AAEP statements, 16

Swine bills thwarted, 22

West Nile virus warning system, 415

'America's Mayor' explains what it takes to be an effective leader, 584

New York enacts Good Samaritan law for veterinarians, 1719

**Nominations**

Nominations sought for laboratory animal research award, 924

Council, trust, committee nominations invited, 927

AVMA seeks nominations for 2004 awards, 1104

**North Carolina**

Needs of animals in Iraq being assessed, 11

Emergency preparedness is subject of two policy statements, 26

Poultry biosecurity training CD available, 422

North Carolina VMA, 424

HOD calls for review of sow gestation stalls, 573

VMAT members respond to Hurricane Isabel, 1244

**North Dakota**

HOD calls for review of sow gestation stalls, 573

**Novartis Animal Health**

Grant benefits veterinary behavior specialists, 931

**Nutrition**

NRC issues new nutrient requirements for dogs and cats, 1099

Industry group launches informational Web site, 1402

**O**

**Obesity**

NRC issues new nutrient requirements for dogs and cats, 1099

**Occupational Hazards**

Ergonomics guidelines adopted for veterinary practice, 23

Workplace hazard guidelines revised, 23

Concentrated livestock operations, 758

Airborne antimicrobials cause concern, 924

**Office International des Epizooties (OIE)**

Veterinary leaders support science-based OIE animal welfare policies, 1560

OIE: Too few countries follow international BSE guidelines, 1718

**Officers on the Road**

AVMA President Joe M Howell offers a few parting insights [JM Howell], 172

Jack O Walther: Goals as AVMA president, 420

AVMA Renovation [BW Little], 1411

**Ohio**

African disease reported for first time in Western Hemisphere, 161

OSU researcher elected to the NAS, 174

Origins of monkeypox virus traced to imported African rodents, 418

Evaluating behavior, 421

Ohio State alumni recognized, 941

Ohio State alumni honored, 1561

**Oklahoma**

Evaluating behavior, 421

**P**

**Pennsylvania**

HOD calls for review of sow gestation stalls, 573

**Petcarean Pet Nutrition**

Petcarean Go! Natural pet food recalled, 1712

**Pfizer Animal Health**

Pfizer merges with Pharmacia, 171

Excellence in teaching recognized by Pfizer and UGA, 174

Kaopectate reformulation could be dangerous to cats, 1400

**Pharmacia**

Pfizer merges with Pharmacia, 171

**Pharmacies**

Complaint form updated, 571

**Pregnant Sow Housing**

Swine bills thwarted, 22

HOD calls for review of sow gestation stalls, 573

**Prescriptions**

Complaint form updated, 571

Web site offers veterinarians detailed drug information, 1401

**Publications**

Preparing pets for a terrorist attack: Tips for clients, 162

ILAR Journal devotes issue to behavioral research outside the laboratory, 171

## Public Health

- Policy on public health curriculum reaffirmed, 26
- Committee to address contract with animals in public settings, 27
- African disease reported for first time in Western Hemisphere, 161
- Though better prepared after 9/11, America still vulnerable to bioterrorism, 163
- AVMA, federal veterinarians meet in Washington, DC [J Kranzke], 168
- Origins of monkeypox virus traced to imported African rodents, 418
- State veterinarians, epidemiologists advocate restrictions on wildlife trade, 571
- Resolution 6: PR campaign referred for planning, 578
- Concentrated livestock operations, 758
- Airborne antimicrobials cause concern, 924
- Students meet with nation's top government veterinarians, 938
- Texas university highlights veterinary public health, 1101
- Tufts University wins \$25 million NIH bioterrorism grant, 1557
- Iowa Center for Food Security and Public Health receives special designation, 1715
- New UC-Davis surgery program to aid shelter animals, 1722

## Public Health Service Commissioned Corps Veterinarians (PHSCCV)

Affiliated groups gather in Denver, 937

## Public Relations

- AVMA recommits to National Pet Week for 2004, 25
- Watch for veterinary public service ads at airports, 30
- Profession renders second opinion about veterinary care, fees, 165
- Resolution 6: PR campaign referred for planning, 578
- The AVMA Online Press Room [ME Walters], 1720

## R

### Rabies

- Rabies vaccine for humans missing from some packages, 922
- Air raid conducted on rabies in raccoons in Tennessee, Virginia, 1408

### Recalls

- Carbaryl registrations for pets to be canceled, except for flea collars, 593

### Regulations

- Canadian BSE investigation continues, 10
- Genetic engineering reminder, 162
- DEA proposes changes to reporting controlled substance loss, 571
- State veterinarians, epidemiologists advocate restrictions on wildlife trade, 571
- Meeting links AVMA with state legislators, 583
- Warning added to euthanasia products, 773
- Canada wraps up BSE investigation, 919
- Airlines to report loss or harm to pets during transport, 922
- Provisions of FCC faxing rule postponed, 1099
- Tighter restrictions on drug imports proposed, 1240
- Update on BSE enforcement activities, 1544
- DEA publishes controversial new fee schedule for controlled substance registration, 1545
- ACLAM takes stance, addresses threats to medical research, 1546
- Congress passes Animal Drug User Fee Act, 1711
- New restrictions for preventing monkeypox spread finalized, 1712

### Research

- AVMA to fund National Academies study of nation's veterinary research needs, 13
- Research standard changed, 14
- Grants support innovative research by veterinary students, 940
- ACLAM takes stance, addresses threats to medical research, 1546
- Survivors campaign promotes animal research to aid animals, 1547

### Risk Analysis

- Carbaryl registrations for pets to be canceled, except for flea collars, 593
- Concentrated livestock operations, 758
- Disease spillover woes, 1097
- FDA assesses safety of food products from cloned animals, 1712

## Romania

- A path to discovery, 18

## S

### Safety

- Ergonomics guidelines adopted for veterinary practice, 23
- Workplace hazard guidelines revised, 23

### Salaries

- Despite high demand, laboratory animal veterinarians in short supply, 925

### Schering-Plough Animal Health

- Reed honored for contributions to applied equine research, 1105

### Severe Acute Respiratory Syndrome (SARS)

- Researchers identify wild animal reservoirs for SARS, 12
- More research, tougher regulations needed to beat future SARS outbreaks, say researchers, 1242

### Slaughter

- AVMA supports AAEP statements, 16
- Horse slaughter for human consumption faces hurdles, 419

### Society for Theriogenology

- Theriogenologists certified, 1413

### South Carolina

- Veterinarians appointed to USPOULTRY advisory committees, 36
- Delegates stand behind induced molting position, 574

### South Dakota

- South Dakota VMA, 1105

### Standards

- AVMA supports proposed informatics center, 33
- Antimicrobial testing standards published, 288
- Food industry groups adopt welfare standards for chickens, 288
- AAHA practice standards available to AVMA members, 1100

### Staphylococcus aureus

- Methicillin-resistant *Staphylococcus aureus*: An emerging problem in horses?, 1399

### Student American Veterinary Medical Association (SAVMA)

- Student leaders, faculty advisers to meet annually, 29
- Students learn, lounge, and legislate in Denver, 764
- SAVMA honors educators, 765

### Surveillance

- West Nile virus warning system, 415

### Surveys

- Poll finds Americans cool toward animal rights, 168
- CDC releases epidemiologic surveys of dog bites in 2001, 760
- A global survey of the human-animal bond, 762

### Systematized Nomenclature of Medicine (SNOMED)

- AVMA supports proposed informatics center, 33
- HHS advances electronic medical record-keeping system, 754

## T

### Telecommunications

- Provisions of FCC faxing rule postponed, 1099

### Tennessee

- Air raid conducted on rabies in raccoons in Tennessee, Virginia, 1408

### Terrorism

- Remembering 911, 9
- Emergency preparedness is subject of two policy statements, 26
- Preparing pets for a terrorist attack: Tips for clients, 162

Though better prepared after 9/11, America still vulnerable to bioterrorism, 163

'We're looking for zebras now,' 761

LSU laboratory vandalized, 1239

Tufts University wins \$25 million NIH bioterrorism grant, 1557

Center offers learning opportunities about bioterrorism, 1715

Purdue professor awarded biodefense grant, 1717

#### Texas

Phi Zeta honors two researchers, 36

Defense secretary recognizes Herbold, 174

Newcastle disease persists in four western states, 290

Executive leaders in the making at Texas A&M, 295

Horse slaughter for human consumption faces hurdles, 419

Texas university highlights veterinary public health, 1101

#### Toxicology

Warning added to euthanasia products, 773

Kaopectate reformulation could be dangerous to cats, 1400

ASPCA study finds cocoa bean mulch could harm dogs, 1545

#### Trade

Canadian BSE investigation continues, 10

Origins of monkeypox virus traced to imported African rodents, 418

Board approves action items in Denver, 581

Veterinary services in a global economy, 763

Canada wraps up BSE investigation, 919

Veterinarians are on the front lines of BSE control, 921

US lifts ban on select Canadian ruminant products, 922

Tighter restrictions on drug imports proposed, 1240

New restrictions for preventing monkeypox spread finalized, 1712

OIE: Too few countries follow international BSE guidelines, 1718

#### Transmissible Spongiform Encephalopathies (TSEs)

Canadian BSE investigation continues, 10

Updated John's, TSE statements adopted, 31

Canada wraps up BSE investigation, 919

Veterinarians are on the front lines of BSE control, 921

US lifts ban on select Canadian ruminant products, 922

Multidisciplinary conference tackles BSE, CWD, 1554

OIE: Too few countries follow international BSE guidelines, 1718

#### Tuberculosis

Disease spillover woes, 1097

### U

#### Uniformed Services Veterinarians (USV)

Affiliated groups gather in Denver, 938

#### United Nations

More research, tougher regulations needed to beat future SARS outbreaks, say researchers, 1242

#### US Armed Forces

Defense secretary recognizes Herbold, 174

Specialty pay legislation to recognize excellence in veterinary medicine, 594

#### US Congress

Pickering introduces MUMS bill in House, 22

Senate considers specialty pay for board-certified health scientists, 22

AVMA seeks passage of debt-reduction legislation, 27

AVMA designates Executive Branch Fellowship, 31

Congress considers changing rules for downed livestock, 418

Resolution 5: debt forgiveness for two fields of study?, 579

Senators emphasize importance of veterinarians participating in legislative process [RN Hay, Jr], 771

Lawmakers seek to curb antimicrobial use in livestock, 772

AVMA GRD, PAC, and you: A winning combination in Washington, 1410

Congress passes Animal Drug User Fee Act, 1711

#### US Department of Agriculture (USDA)

Executive Board supports creation of biologics advisory committee, 16

Veterinarian appointed to USDA biotechnology committee, 35

AVMA, federal veterinarians meet in Washington, DC [J Kranzke], 168

APHIS: West Nile virus vaccine safe for use, 416

US lifts ban on select Canadian ruminant products, 922

WHO weighs in on antimicrobial debate again, 1241

Miller inducted into ARS Hall of Fame, 1245

Lawsuit seeks stronger protections for primates, 1543

#### US Department of Health and Human Services (HHS)

HHS advances electronic medical record-keeping system, 754

Student captures top honor in public health competition, 1403

Purdue professor awarded biodefense grant, 1717

#### US Department of Homeland Security (DHS)

AVMA designates Executive Branch Fellowship, 31

#### US Poultry & Egg Association (USPEA)

Veterinarians appointed to USPOULTRY advisory committees, 36

Poultry biosecurity training CD available, 422

#### US Public Health Service Commissioned Corps (PHSCC)

David named PHS Veterinarian of the Year, 1561

#### US Public Health Service (USPHS)

Specialty pay legislation to recognize excellence in veterinary medicine, 594

#### Utah

First member of the equine family cloned, 292

### V

#### Vaccinology

Vaccines may be key to controlling FMD, 11

AVMA's recommendations for cat and dog vaccination [E Curry-Galvin], 17

Vaccination program session slated for Denver, 17

AKC guidelines updated, 25

APHIS: West Nile virus vaccine safe for use, 416

A reaction to the COBTA vaccine report, 751

The changing face of vaccine labels, 752

Reporting adverse vaccine events, 753

Rabies vaccine for humans missing from some packages, 922

Air raid conducted on rabies in raccoons in Tennessee, Virginia, 1408

#### Vermont

Vermont VMA, 1105

#### Veterinarian-Client-Patient Relationship

Complaint form updated, 571

New York enacts Good Samaritan law for veterinarians, 1719

#### Veterinary Botanical Association (VBA)

American Holistic VMA, 1726

#### Veterinary Economics

Speakers to provide financial planning tips for veterinarians, 18

#### Veterinary Education

Western University's College of Veterinary Medicine accepts first class, receives provisional accreditation, 20

Policy on public health curriculum reaffirmed, 26

Needs of food animal sector to be assessed, 29

AgScholars program to begin, 170

Executive leaders in the making at Texas A&M, 295

Evaluating behavior, 421

Poultry biosecurity training CD available, 422

Resolution 5: debt forgiveness for two fields of study?, 579

Grants support innovative research by veterinary students, 940

White paper advises partnership to reverse veterinarian shortages, 1404



**Veterinary Emergency and Critical Care Society (VECCS)**  
Veterinary emergency and critical care groups holds symposium, 1724

**Veterinary Ethics**  
Principles of Veterinary Medical Ethics revised, 24

**Veterinary Facilities**  
Illinois dedicates biomedical laboratory, 1722

**Veterinary Practice**  
Ergonomics guidelines adopted for veterinary practice, 23  
Workplace hazard guidelines revised, 23  
Revised Model Veterinary Practice Act approved, 24  
Students tutor practitioners, 28  
Profession renders second opinion about veterinary care, fees, 165  
DEA proposes changes to reporting controlled substance loss, 571  
Veterinary services in a global economy, 763

**Veterinary Practice Acts**  
Revised Model Veterinary Practice Act approved, 24  
Delegates open way for states to request more AVMA assistance, 575

**Veterinary Profession**  
Expanding the role of accredited veterinarians, 24  
Profession renders second opinion about veterinary care, fees, 165  
Despite high demand, laboratory animal veterinarians in short supply, 925  
Students meet with nation's top government veterinarians, 938  
White paper advises partnership to reverse veterinarian shortages, 1404

**Veterinary Students**  
Western University's College of Veterinary Medicine accepts first class, receives provisional accreditation, 20  
AVMA seeks passage of debt-reduction legislation, 27  
Students tutor practitioners, 28  
Student leaders, faculty advisers to meet annually, 29  
Evaluating behavior, 421  
Veterinary students honored for addressing public health concerns, 423  
Resolution 5: debt forgiveness for two fields of study?, 579  
Students learn, lounge, and legislate in Denver, 764  
Students meet with nation's top government veterinarians, 938  
Two veterinary students learn politics isn't always about money, 1555

**Virginia**  
AVMA supports proposed informatics center, 33  
Veterinarians appointed to USPOULTRY advisory committees, 36  
Evaluating behavior, 421  
Veterinary students honored for addressing public health concerns, 423  
VMAT members respond to Hurricane Isabel, 1244  
Air raid conducted on rabies in raccoons in Tennessee, Virginia, 1408  
Eyre steps down as Virginia-Maryland dean, 1412

**Virology**  
African disease reported for first time in Western Hemisphere, 161  
Maine officials battle new outbreak of ISA, 291  
West Nile virus warning system, 415  
APHIS: West Nile virus vaccine safe for use, 416  
Origins of monkeypox virus traced to imported African rodents, 418  
More research, tougher regulations needed to beat future SARS outbreaks, say researchers, 1242

## W

**Washington**  
Washington State VMA, 1562

**Waste**  
Statement on agricultural waste management revised, 30

**Web Sites**  
Children's Online Privacy Protection Act [AA Jones], 293  
Compendium of veterinary products online, 756, 1555  
AAHA practice standards available to AVMA members, 1100

Web site offers veterinarians detailed drug information, 1401  
Industry group launches informational Web site, 1402

**Western University of Health Sciences**  
Western University's College of Veterinary Medicine accepts first class, receives provisional accreditation, 20  
Western U veterinary college open for educating, 1245

**West Indies**  
Ross veterinary school gets new ownership, new dean, 173

**West Nile Virus**  
West Nile virus warning system, 415  
APHIS: West Nile virus vaccine safe for use, 416

**Wildlife**  
State veterinarians, epidemiologists advocate restrictions on wildlife trade, 571  
Antimicrobial resistance in wildlife: it's making a bigger splash than you think, 756  
US lifts ban on select Canadian ruminant products, 922  
Disease spillover woes, 1097

**Winn Feline Foundation**  
Winn Feline Foundation calls for grant proposals, 1244

**Wisconsin**  
Veterinarian appointed to USDA biotechnology committee, 35  
Phi Zeta honors two researchers, 36  
African disease reported for first time in Western Hemisphere, 161  
Origins of monkeypox virus traced to imported African rodents, 418  
Evaluating behavior, 421

**World Equine Veterinary Association (WEVA)**  
Reed honored for contributions to applied equine research, 1105

**World Health Organization (WHO)**  
Researchers identify wild animal reservoirs for SARS, 12  
WHO weighs in on antimicrobial debate again, 1241  
More research, tougher regulations needed to beat future SARS outbreaks, say researchers, 1242

**World Society for the Protection of Animals (WSPA)**  
Needs of animals in Iraq being assessed, 11

**World Veterinary Association (WVA)**  
International guests add dimension to convention, 929

**World Veterinary Poultry Association (WVPA)**  
World poultry congress enriches AVMA convention, 589

**Wyoming**  
Brucellosis policies updated, 30  
APHIS: West Nile virus vaccine safe for use, 416

## Z

**Zoonoses**  
Committee to address contract with animals in public settings, 27  
African disease reported for first time in Western Hemisphere, 161  
Preparing pets for a terrorist attack: Tips for clients, 162  
Though better prepared after 9/11, America still vulnerable to bioterrorism, 163  
Newcastle disease persists in four western states, 290  
Origins of monkeypox virus traced to imported African rodents, 418  
State veterinarians, epidemiologists advocate restrictions on wildlife trade, 571  
Disease spillover woes, 1097  
More research, tougher regulations needed to beat future SARS outbreaks, say researchers, 1242  
Methicillin-resistant *Staphylococcus aureus*: An emerging problem in horses?, 1399  
Iowa Center for Food Security and Public Health receives special designation, 1715

## Index to Names

### AUTHORS

- Adams, Chess, 179  
 Adin, Christopher A, 1446  
 Agnello, Kimberly A, 1115  
 Alinovi, Catherine A, 1640  
 Allard, Ruth, 958  
 Allen, Andrew L, 666  
 Allen, Donald K, 42  
 Altekruze, Sean F, 445, 1111, 1253  
 Amat, Marta, 623  
 Anderson, Robert K, 61  
 Anil, Leena, 1334  
 Arthur, Elizabeth G, 210  
 Ashe, Carolyn M, 1156  
 Askin, Nesine, 781  
 Atwill, E Robert, 839  
 Austin, Brenda R, 1569  
 Avki, Sirri, 1443
- Backus, Robert C, 1130, 1137, 1729  
 Bahr, Anne, 1456  
 Baidoo, Samuel K, 1334  
 Bain, Melissa J, 457  
 Baker, Rocky J, 1806  
 Balentine, Heather L, 1780  
 Balkman, Cheryl E, 430  
 Bandali, Karim, 781  
 Barber, Alfred R, 281  
 Barnett, Staci C, 1329  
 Barrows, Paul L, 1255  
 Bartolome, Julian, 628  
 Barton, Claudia L, 1456  
 Basseches, Jessica, 1628  
 Bateman, Kenneth G, 670, 677  
 Bates, Thomas W, 609  
 Baxter, Gary M, 1800  
 Baynes, Ronald E, 1277, 1596  
 Beale, Brian S, 330  
 Beaver, Bonnie V, 1101  
 Bechler, Ursula, 801  
 Belanger, Michael P, 781  
 Belknap, Ellen B, 223  
 Bellinger, Dwight, 1766  
 Bennett, B Taylor, 1564  
 Bentjen, Steven A, 1453  
 Bentley, Ellison, 1617  
 Berghaus, Roy B, 1142  
 Bergman, Robert L, 1456  
 Berninger, Mary L, 1151  
 Berry, Clifford R, 1628  
 Berry, Steven L, 1769  
 Bertoni, Giorgio, 180  
 Bhend, Kristy M, 1334  
 Biddle, Mary K, 1163  
 Biery, Darryl, 1419  
 Biller, David S, 1780  
 Birkenheuer, Adam J, 1306  
 Bishop, George, 1412  
 Blais, Diane, 1006  
 Boerboom, Derek, 1475  
 Boghossian, Aida M, 1151  
 Bolin, Carole A, 178  
 Bolt, David M, 89  
 Bond, Ross, 639  
 Bondy, Peter J, Jr, 210  
 Bonneau, Norbert H, 1006  
 Borenstein, Nicolas, 1159  
 Boucher, Faith, 1283  
 Bouré, Ludovic P, 852  
 Brahmabhatt, Dipa, 839
- Breitschwerdt, Edward B, 1306  
 Breuhau, Babette A, 340  
 Brian, David, 432  
 Bright, Janice M, 1734  
 Brock, Kenneth V, 223  
 Brooks, Bert H, 600  
 Brosnahan, Margaret M, 93, 99  
 Brown, Daniel R, 1765  
 Bryant, Karen J, 67  
 Budsberg, Steven C, 1272  
 Buecker, Arno, 1311  
 Bunch, Susan E, 429, 783  
 Burba, Daniel J, 89  
 Burgos-Rodriguez, Armando G, 43  
 Burnside, Daniel M, 1259
- Cahalane, Alane K, 1301  
 Campagnolo, Enzo R, 1151  
 Canalis, Chanda, 317  
 Cannizzo, Karin L, 475  
 Carey, Vincent J, 832  
 Carmalt, James L, 666  
 Carnevale, Richard A, 1253  
 Carpenter, Sherry R, 807  
 Carro, Terry, 817  
 Carter, G Kent, 486, 1469  
 Carter, James C, 1316  
 Cebra, Christopher K, 1167, 1806  
 Center, Sharon A, 430  
 Chaffin, M Keith, 1791  
 Charette, Benoit, 1006  
 Chetboul, Valérie, 1159  
 Chevalier, Helene, 78  
 Chew, Dennis J, 475  
 Childers, Henry E, 1565, 1729  
 Childs, James F, 1736  
 Chorush, Bob, 1564  
 Christensen, William F, 1170  
 Christian, John A, 1027  
 Christopher-Hennings, Jane, 798  
 Citino, Scott B, 802  
 Coates, Joan R, 1456  
 Coe, Jon Charles, 977  
 Cohen, Gabrielle, 1130  
 Cohen, Noah D, 832, 1791  
 Cohn, Leah A, 987  
 Colahan, Patrick, 1770  
 Collins, James E, 1022  
 Collins, James K, 223  
 Colston, Bill W, Jr, 609  
 Conrad, Jennifer, 41  
 Conway, Teresa A, 607  
 Cook, James L, 1272  
 Cook, Nigel B, 1320  
 Cope, Rhian B, 800  
 Copeland, Dennis D, 1110  
 Corley, Kevin TT, 1788  
 Cornell, Karen K, 325  
 Couëtill, Laurent L, 1640, 1645  
 Cowles, R Reynolds, 1788  
 Cox, Judy H, 1320  
 Craig, A Morrie, 799  
 Craigmill, Arthur L, 1277, 1596  
 Crawford, Mary Ann, 430  
 Crawford, William H, 1800  
 Crowe, Dean C, 1566  
 Curry-Galvin, Elizabeth, 17, 1558
- Dabareiner, Robin M, 486, 1469  
 Davidson, Autumn, 1462  
 Davidson, Donald L, 780  
 Davis, Elizabeth G, 1320  
 Dearing, Peggy L, 1806  
 Dechant, Julie E, 1800  
 Decile, Kendra, 1283  
 De Cock, Hilde EV, 654  
 Deen, John, 1334  
 de Lahunta, Alexander, 501  
 Delisle, Françoise, 1159  
 DeNardo, Guy A, 1259  
 De Risio, Luisa, 180  
 Derumeaux, Genevieve, 1159  
 Desrochers, André, 1475  
 Diamond, Halise, 317  
 DiBartola, Stephen P, 475  
 Dickin, Sandy K, 639  
 Diehl, Kathryn A, 1617  
 Diehl, Nancy Kate, 1769  
 Diesch, Stanley L, 781  
 Diggs, Helen E, 1809  
 DiGiacomo, Ronald F, 946  
 Dobson, Howard, 852  
 Dodge, Richard K, 825  
 Donahue, James G, 832  
 Donovan, Art, 628  
 Drobatz, Kenneth J, 312, 469  
 Duda, Lili, 649  
 Dudley, Robert M, 1731  
 Dupuis, Jacques, 1006  
 Duxbury, Margaret M, 61  
 Dym, Michael, 1417
- Edwards, Ronnie F, 1791  
 Ekdale, Gregory G, 1772  
 Elchos, Brigid N, 1450  
 Emerson, Carol L, 1766  
 Epstein, Shelley R, 600  
 Erb, Hollis N, 78, 430  
 Ernst, Mark J, 1151  
 Esplin, D Glen, 1283  
 Essman, Stephanie C, 210  
 Etheridge, Donna L, 202  
 Evans, Nigel A, 639  
 Evermann, James F, 946
- Fanning, Jasper, 195, 443, 794  
 Fascetti, Andrea J, 1130, 1137, 1729  
 Fatjó, Jaume, 623  
 Feldman, Edward C, 654, 1602  
 Felicetti, Laura, 1170  
 Ferrante, Anastasia C, 437  
 Ferreri, Jean A, 469  
 Ferris, Kelly K, 1628  
 Fitzgerald, Kathryn, 1596  
 Flammer, Keven, 993  
 Forrester, Dru, 43  
 Forsythe, Brenda K, 42  
 Fox, Alan D, 948  
 Fox, Derek B, 210  
 Fox, Larry K, 684, 1163  
 Fox, Michael W, 947, 1416  
 Franc, Brigitte, 1159  
 Franken, Rebecca L, 221  
 Freeman, Calista B, 1446  
 Freeman, Lisa C, 1773  
 Freeman, Lisa M, 1301  
 French, Tracy W, 78  
 Fritz, Curtis L, 1261
- Galbo, Deidre, 439  
 Galletin, Laurie L, 1027  
 Galligan, David T, 1757  
 Gamblin, Rance M, 825  
 Gardner, Carla H, 783  
 Gaynor, James S, 1734  
 Gehring, Ronette, 1277, 1596  
 Geller, Sue C, 1316  
 Gerding, Paul A, Jr, 805  
 Gerhart, Stacey Bonner, 438  
 Gillick, Mitchell, 303, 439  
 Gillis, Carol, 1770  
 Gingerich, Eric N, 55  
 Ginn, Pamela E, 1446  
 Gleed, Robin D, 78  
 Glerum, Leigh E, 325, 1783  
 Glatto, John M, 825  
 Gnudi, Giacomo, 180  
 Gobar, Glenna G, 1283  
 Goddard, Jerome, 1450  
 Godden, Sandra M, 1022  
 Goett, Scott D, 191  
 Golab, Gail C, 593  
 Gonder, Eric, 1416  
 Good, Kathryn L, 1130  
 Goodloe, Linda, 807  
 Gordon, Sonya G, 1572  
 Goring, Robert L, 645  
 Gorman, Shawn P, 1614  
 Graham, Joanne, 1343  
 Graham, John P, 1614  
 Graham, Tanya D, 1017  
 Graves, Thomas K, 1773  
 Greenacre, Cheryl B, 663, 1112  
 Greene, Craig E, 215, 1783  
 Gregg, Douglas A, 1151  
 Gregory, Clare R, 654  
 Griffey, Stephen M, 1142  
 Grisneaux, Emmanuelle, 1006  
 Groenendaal, Huybert, 1757  
 Gross, David R, 181  
 Grubb, Tamara L, 1167  
 Gunkel, Conny, 802
- Haas, Kenneth B, 1109  
 Hackett, Rachel M, 1436  
 Haddock, Marie, 336  
 Hahn, Nina E, 1809  
 Hair, Alexander, 322  
 Hall, Wendy Fineblum, 796  
 Hancock, Dale D, 1163  
 Haney, Davida R, 1614  
 Hardam, Erin, 469  
 Hardie, Elizabeth M, 654  
 Harkin, Kenneth R, 179, 1780  
 Harmon, Barry G, 1783  
 Harms, Craig A, 353  
 Harper, E Jean, 1436  
 Harper, Tisha AM, 43  
 Harpster, Neil K, 804  
 Harris, James M, 782  
 Hart, Benjamin L, 457  
 Haskell, Scott RR, 46, 48, 50, 51, 1277  
 Hawkins, Eleanor C, 1628  
 Hay, Robert N, Jr, 772  
 Hayes, Kenneth C, 1768  
 Hearn, F Patrick, 482  
 Heaton, Paul R, 1436  
 Heerens, Sylvia, 1256  
 Hein, Sven, 1311

- Hellyer, Peter W, 1426  
Henderson, Ralph A, 1569  
Hendrick, Mattie J, 805, 1283  
Hendrickson, Dean A, 1800  
Hensel, Patrick, 215  
Herman, Judith K, 604  
Hermans, Anne C, 602  
Hernandez, Jorge, 628  
Herrera Alonso, Laura, 839  
Heseltine, Johanna C, 821  
Hettlich, Bianca F, 1456  
Hicks, Sherri L, 783  
Hietala, Sharon K, 609  
Hill, Richard E, Jr, 432  
Hinchcliff, Kenneth W, 1576  
Hinojosa, Antonio M, 786  
Hiraga, Atsushi, 84  
Hoffman, Dave, 1252  
Hoffmann, Daniel E, 951  
Holler, Larry D, 798  
Holman, Patricia J, 1027  
Holter, Alan, 1774  
Holyoak, G Reed, 786  
Honnas, Clifford M, 486, 1469  
Hornof, William J, 1602  
Hou, Lingling, 839  
Howell, Joe M, 167, 172  
Howerth, Elizabeth, 317  
Hsu, Yuying, 1293  
Htoo, Thurein, 1283  
Hugh-Jones, Martin E, 797  
Hulse, Donald A, 330  
Hutchins, Michael, 958
- Ilgén, Daniel R, 1587  
Ilkiw, Janet E, 654  
Irizarry-Rovira, Armando R, 1027
- Jackman, Bradley R, 1800  
Jackson, Julie A, 61  
Jaeger, Gayle H, 353  
Jehn, Carl T, 1272  
Jena, David, 1705  
Jenné, Keith J, 1809  
Jernigan, Ann D, 639  
Jessen, Carl R, 73  
Jessuo, David A, 1255  
Jetton, Jennifer R, 437  
Johnson, Jeffrey L, 825  
Johnson, Michael D, 1587  
Johnson, Philip J, 987  
Johnson, Yvette J, 229, 346, 946  
Johnston, Spencer A, 1272  
Jones, Althea A, 293  
Jones, James H, 84  
Juopperi, Tarja, 1306
- Kahler, Susan C, 28, 418, 575, 576, 583, 930, 1405, 1408, 1551, 1554  
Kai, Makoto, 84  
Kantrowitz, Lawrence, 1115  
Kaplan, Paul M, 1301  
Kaplan, Ray M, 495, 1254  
Karli, Steven A, 432  
Karnik, Priti S, 43  
Kass, Philip H, 654, 1283  
Kebus, Myron J, 56  
Keene, Bruce W, 219, 1771  
Kelleher, Donna, 434  
Kempainen, Barbara, 799  
Kennis, Robert A, 804
- Kerr, Carolyn L, 852  
Kimmel, Susan E, 469  
Kinzel, Sylvia, 1311  
Kircher, Robin A, 495  
Kirk, John H, 839  
Kjemtrup, Anne M, 1261  
Klimitas, Katherine, 913  
Kocan, Andrew A, 801  
Koltveit, Albert J, 948  
Koshi, Shirley, 41  
Kraje, Amy Clare, 812  
Kram, Malcolm A, 1772  
Kranzke, Joyce, 169  
Krauss, Amy J, 53  
Krebs, John W, 1736  
Krombach, Gabriele A, 1311  
Kronfeld, David, 41  
Kross, Susan, 1254  
Kuehn, Bridget M, 12, 291, 294, 751, 758, 921, 1242, 1406, 1548, 1718  
Kuepper, Werner, 1311  
Kyles, Andrew E, 654, 1462
- Lacombe, Véronique A, 1576  
Lana, Susan E, 825  
Landi, Margaret S, 1769  
Larsen, Michael, 495  
Larson, Martha M, 43  
Latimer, Kenneth S, 215  
Laule, Gail Ellen, 969  
Lautzenhiser, Sarah J, 645  
Leglaive, Eric, 1159  
Lester, Sally, 1283  
Levy, Julie K, 202, 1614  
Levy, Michael G, 1306  
Lewandowski, Albert H, 981  
Lewbart, Gregory A, 353  
Lewis, Barbara C, 1456  
Lewis, Daniel D, 1446  
Lincoln, Joshua, 1112  
Lindeman, Cynthia J, 1022  
Line, Scott W, 61, 1768  
Lipowitz, Alan J, 73  
Little, Bruce W, 1411  
Lloyd, James W, 1458, 587  
Lockwood, Randall, 808  
Ludders, John W, 78
- Macartney, Joanne E, 670, 677  
Macdonald, Ellen S, 1142  
MacGillivray, Katherine Cole, 1017  
Machlik, Sharon, 1565  
MacKay, Robert J, 501  
Mailhot, Nicole, 1167  
Mallery, Kevin F, 1602  
Mandel, William, 1089  
Mann, Fred A, 803  
Mansell, Joanne, 1456  
Manteca, Xavier, 623  
Maple, Terry L, 966  
Marks, Stanley L, 1462  
Marks, Steven L, 1456, 1767  
Markwell, Peter J, 1301  
Marrinan, Michael, 1587  
Martens, Ronald J, 1791  
Martin, George S, 806  
Mason, Ian S, 639  
Mathews, Kyle G, 654  
Mattoon, John S, 475  
Mattson, Donald E, 1806  
Mauldin, Elizabeth A, 649
- McAnulty, Jonathan F, 67  
McCall, Candace L, 1750  
McConnico, Rebecca S, 618  
McCormack, Karen, 155  
McCormick, William H, 1788  
McCrackin Stevenson, MA, 325  
McCrory, Robert G, 1256  
McCue, Molly E, 1320  
McEwen, Margaret-Mary, 1170  
McGill, Lawrence D, 1283  
McLoughlin, Mary A, 475  
McMillan, Franklin D, 183  
McQuiston, Jennifer H, 1750  
McTier, Tom L, 322, 639  
Meadows, Richard L, 987  
Mealey, Katrina L, 1453  
Medleau, Linda, 215  
Melendez, Pedro, 628  
Memon, Mustaq A, 796  
Mendes, Guilherme M, 1608  
Mendoza, Leonel, 215  
Messam, Locksley L McV, 457  
Metcalf, Lisa, 1771  
Meyer, Christopher J, 1587  
Meyer, E Kathryn, 1283  
Milanovich, Fred P, 609  
Miller, Lila, 1774  
Miller, Matthew W, 1572  
Miller, Nathan A, 325  
Miller, Paul E, 1617  
Miller, Tracy D, 839  
Mitchell, Susan L, 206  
Miyabayashi, Takayoshi, 804  
Moll, David, 786  
Moore, Antony S, 825  
Moore, Dale A, 839, 1329  
Moore, Kenneth W, 817  
Morgeson, Frederick P, 1587  
Morrison, Rebecca, 1334  
Mortensen, Lars L, 495  
Mulon, Pierre-Yves, 1475  
Murawski, Daniel H, 926  
Murphy, Martin G, 639
- Nelson, O Lynne, 1170  
Nelson, Richard W, 654, 1602  
Neuwirth, Lisa, 317  
Nevill, Mark, 1791  
Newell, Susan M, 1614  
Nicholson, William L, 1750  
Nielsen, Cheri, 1623  
Nolen, R Scott, 164, 288, 570, 574, 580, 585, 760, 762, 763, 772, 925, 939, 1240, 1544, 1557  
Norris, Carol R, 1142  
Northrup, Nicole C, 1453
- Obando, Jacqueline Sehn, 604  
Occhipinti, Larry P, 46, 50, 51  
Ohmura, Hajime, 84  
Olver, Christine S, 1623  
Ormond, Carol J, 46, 48, 51  
O'Rourke, Kate M, 10, 11, 20, 21, 22, 23, 290, 292, 415, 422, 753, 754, 757, 923, 1099, 1242, 1244, 1400, 1402, 1406  
Orsini, James A, 336  
Ostrich, Sherbyn W, 781  
Overton, Michael W, 846
- Palmarini, Massimo, 797  
Panciera, David L, 821  
Papich, Mark, 993  
Paradis, Mary Rose, 93, 99  
Parente, Eric J, 1017  
Parker, John S, 40  
Payen, Guillaume, 1159  
Payne, Michael A, 1277, 1596  
Payne-Johnson, Mark, 639  
Pearce, Simon G, 852  
Pechman, Robert D, 618  
Pelzer, Kevin D, 229, 346, 946  
Penninck, Dominique, 206  
Peregrine, Andrew S, 482  
Perzak, Deborah E, 1272  
Pesch, Lisa, 604  
Peters, Erika M, 1283  
Pibartot, Philippe, 1006  
Piccinini, Renata, 684  
Pion, Paul D, 1130  
Platt, Simon R, 501  
Poland, Lisa, 1167  
Pollard, Rachel E, 1462, 1602  
Pollari, Franklin L, 946  
Porter, Michael B, 501  
Posner, Lysa P, 78  
Pouchelon, Jean-Louis, 1159  
Poulin, Amy, 767  
Powers, Ed L, 46, 50, 51  
Powers, Michelle Y, 1419  
Prier, James E, 949  
Prier, Steven G, 949  
Prosek, Robert, 198  
Pryor, Patricia A, 457, 790, 954, 1117  
Puette, John R, 783  
Pugh, David G, 223  
Purinton, P Thomas, 1783
- Rabuffo, Tara S, 336  
Ralphs, S Christopher, 73  
Ramey, David W, 436, 606  
Randolph, John F, 430  
Rausch, William P, 219  
Rawlings, Clarence A, 317, 325  
Reed, John R, 1137  
Reems, Michael R, 330  
Reimer, Johanna M, 832  
Renard, Steven G, 180  
Renaud, Suzanne, 1537  
Renninger, Matthew L, 1027  
Renschler, Janelle S, 180  
Reynolds, James P, 846, 1329  
Rhodes, J Kelly, 229, 346, 946  
Ribble, Carl S, 670, 677  
Riebold, Thomas W, 1167  
Rings, D Michael, 798  
Risco, Carlos A, 628  
Ritchey, Jerry W, 786  
Riviere, Jim E, 1277, 1596  
Robbins, Charles T, 1170  
Roberts, Moira A, 618  
Roberts, Stephen J, 1112  
Robinson, Duane A, 1259  
Rogers, Quinton R, 1130, 1137, 1729  
Rohrbach, Barton W, 492, 1636  
Rowan, Tim G, 639  
Rush, Bonnie R, 1320  
Rush, John E, 1301  
Russek-Cohen, Estelle, 229, 946  
Russell, Karen E, 1766

- Buss, Daryl D, 34  
Butcher, Kenneth R, 769  
Butler, Clair E, 768  
Butler, James R, 770  
Buyukmihci, Nedim, 1246  
Bwemudez, Luiz E, 1721  
Byron, Julie, 774
- Cahill, Michael, 424  
Calhoun, Glen D, 769  
Calnek, Bruce W, 768  
Cameron, Deshler B, 770  
Campbell, James R, 769  
Campbell, Scott, 1408  
Campbell, Vicki, 1725  
Cardona, Carol, 589, 931  
Carithers, Robert W, 769  
Carleton, Carla, 1413  
Carlson, Charles R, 769  
Carlson, Mark, 580  
Carlson, Rene A, 578, 580  
Carmichael, Richard A, 1246  
Carmona, Richard, 164  
Carpenter, Tris C, 424  
Carr, Bridget K, 934  
Carreras, Janet K, 941  
Carter, Bart, 933  
Carter, Margaret N, 928  
Carter, William Francis, 769  
Case, James T, 33, 753  
Cassano, Phyllis, 173  
Catlett, Lowell, 1550  
Cavanagh, David, 589  
Chaddock, H Michael, 22, 583, 939, 1409, 1711  
Challoner, Robert Ira, 769  
Chancellor, Bobbye A, 768  
Chandler, Matthew, 1561  
Chapman, Tim, 936  
Chapuis, Bernard, 770  
Charney, Sarah C, 941  
Chastain, CB, 170  
Cheesman, Sam F, 770  
Chenoweth, Peter, 171  
Cheville, Norman, 940  
Childers, Henry E, 34, 580, 768  
Chin, Richard, 932  
Christensen, Bruce M, 1721  
Christian, John A, 1720  
Christopher, Mary M, 579  
Clark, Andrew R, 32  
Clark, Donald E, 770  
Clark, Jane Owens, 774  
Clark, Sherrie, 1413  
Clark, Terrence, 774  
Clark, Terri L, 1720  
Clavel, Frank, 1408  
Clifford, Craig A, 941  
Clinton, William J, 594  
Cloonet, Jennifer K, 942  
Closson, Joseph T, 768  
Clubb, Susan, 573, 574  
Cockrum, Richard H, 769  
Coggins, Leroy, 768  
Cohen, Michele, 941  
Cohn, Ted, 1414  
Cole, Dana J, 583  
Cole, Harvey W, 770  
Cole, Steven, 1725  
Coleman, John D, 770  
Coli, Joseph, 575  
Collins, Francis S, 1406  
Collins, G Dudley, 770
- Collins, Nancy, 937  
Conley, Margaret, 1560  
Conti, Lisa, 940  
Cook, James O, 32, 769  
Cook, Laurie B, 941  
Coon, Richard E, 770  
Cordes, Timothy, 420  
Cornwell, Marion S, 934  
Corry, Larry R, 24, 768, 771  
Corte, James V, 583, 1414  
Corwin, Paul J, 768  
Coster, Richard D, 769  
Cotten, Bailey L, 770  
Cottingham, Walter C, 768  
Coulter, Steven B, 578  
Coutinho da Silva, Marco, 1413  
Cowan, Sara M, 942  
Craig, Danny, 20  
Craig, Donald J, 770  
Cramer, Dallas R, 769  
Crappier, John, 1247  
Crawford, Lester M, 34, 1723  
Crawford, William H, 768  
Creed, James E, 769  
Crimi, Merry C, 583, 1713  
Crowe, Tim, 1725  
Crump, Kenneth, 1414  
Cudd, Timothy, 1721  
Cuellar, George, 20  
Cumro, Debra K, 934  
Curllett, Ed, 416  
Curran, Bob, Jr, 292  
Currie, James G, 770  
Curry-Galvin, Elizabeth, 17, 22, 33, 167, 571, 752, 1558  
Cutler, Gregg, 931
- Dallap, Barbara, 1725  
Dalley, James, 937  
Dank, Gillian, 941  
David, Thomas V, 32  
Davis, Carol A, 774  
Davis, Diana K, 19, 935  
Davis, Harold, 1724  
Davis, Judith A, 1561  
Davison, Sherrill, 933  
de Jong, John H, 424, 578, 583  
de la Fuente, Juan Ramon, 1408  
De Lahunta, Alexander, 768  
De Zeeuw, William E, 769  
Dee, Larry, 575  
DeFrancesco, Teresa, 1720, 1725  
DeGaetano, Arthur, 415  
Delaney, Sean, 775  
Denenberg, Sagi, 936  
Denholm, Byron E, 770  
Dennis, Gregory M, 935, 1719  
Denver, Eileen, 165  
Detwiler, Linda, 1549, 1550  
DeYoung, David J, 173, 424  
Diamond, Ann, 419  
Diaz, Gerardo J, 1247  
Dierks, Merton L, 770  
Dieterlen, Paul L, 769  
Doerr, Bruce I, 769  
Doerr, Kevin, 936  
Donham, Kelley J, 758, 934, 1246  
Donoghue, Ann, 932, 933  
Doolittle, Walter P, 768  
Dorko, Nicholas M, 768
- Dorminy, Leroy, 937  
Dorrell, Thomas W, 770  
Doucet, Michele, 774  
Dowers, Kristy L, 942  
Draper, Donald D, 937, 1720  
Dreesen, David W, 934  
Drobatz, Ken, 1724  
Duffey, Mike, 587  
Duing, Edwin F, 769  
Dunlop, Robert H, 770  
Dunn, Wylie A, 770  
Dunnavan, Gloria, 923  
Dunphy, Elizabeth, 1725  
Durrer, John L, 769  
Dutton, Chris, 1550  
Dvorak, Laura, 1724  
Dyce, Jonathan, 1720  
Dyer, John G, 423
- Eades, Susan C, 1721  
Eastin, Charles E, 934  
Ebert, RC, 32  
Eckroade, Robert J, 32, 589, 592, 932  
Edwards, George C, 768  
Edwin, John R, 770  
Eggleston, Thomas A, 933  
Ehrenfried, Jeff, 1106  
Eischen, John N, 769  
Elders, Richard, 774  
Elefson, Eugene, 1562  
Embrey, Ellen, 175  
Emerson, Wendy E, 32  
Endo, Arthur K, 770  
England, James, 595  
Engle, G Caroline, 770  
English, Blair R, 768  
Eno, Donald Q, 768  
Ensign, John, 771, 1555, 1711  
Ensley, Leroy E, 769  
Ergun, Ahmet, 592  
Esplin, D Glen, 578  
Eugster, Albrecht Konrad, 588  
Evans, Brian, 10  
Evans, John S, 768  
Evans, Theodore, Jr, 574  
Ewart, Susan L, 1721  
Ewing, Sidney A, 935  
Eyre, Peter, 421, 1412, 1562
- Fails, Anna Dee, 765, 1720  
Fairhall, Gail, 1243  
Falloon, Richard A, 770  
Falls, Elizabeth, 1247  
Farmer, Darrell D, 770  
Farnell, Daniel R, 768  
Farrell, Val P, 770  
Farrelly, John, 941  
Faulkner, Richard A, 769  
Feary, Darien, 1724  
Feldman, Steven, 936  
Felker, Robert L, 769  
Felsted, Karen E, 18  
Felt, Stephen A, 934  
Fenit, Douglas R, 768  
Fenner, William, 774  
Fenyk-Melody, Judy, 933  
Ferguson, Lisa, 920, 921  
Fernandez, Peter, 1718  
Ferraro, Susan, 32  
Ferrerri, Jean A, 942  
Ferry, John, 1551  
Fettman, Martin J, 1414
- Figueiredo, Monica, 774  
Firkins, Larry, 32  
Firschman, Anna M, 942  
Fischer, John R, 1097  
Flatland, Bente, 1722  
Flegel, Thomas, 941  
Fletcher, W David, 768  
Fletemeyer, John, 937  
Flowers, Kit, 937  
Fontenot, Babette, 933  
Foege, William H, 1101  
Foltyn, Tim, 1409  
Fomby, Laurene, 933  
Fontenot, Babette, 933  
Ford, Richard B, 761  
Forman, Marnin, 774  
Formenty, Pierre, 1242  
Forsythe, Diane, 938  
Fosgate, Geoffrey T, 934  
Foss, Margaret, 1561  
Fossum, Theresa W, 1547  
Foster, Dennis G, 768  
Foster, Timothy E, 173  
Fountain, John E, 768  
Fournier, John S, 169, 938  
Fox, Jeffrie T, 1551  
Fox, Jim, 924  
Fox, Philip R, 941  
Frame, David, 932  
Francis, David W, 768  
Francis, Ronald C, 770  
Frank, Anthony, 1721  
Frank, Robert F, 769  
Franklin, Beth, 1414  
Franklin, Robert P, 942  
Franz, Charles F, 1413, 1414  
Franz, David, 1246  
Freeman, Arthur, 932  
Freeman, Doug, 1413  
Freeman, Kimberly P, 941  
Freeman, Lisa, 1724  
Frey, Gerald E, 770  
Frey, Martin R, 770  
Frey, Merwin L, 769  
Friendshuh, Keith AJ, 579  
Friesen, Roy, 932  
Fu, Zhen, 773  
Fuentes, Norma, 936  
Fussell, Thomas F, 768  
Fynskov, Paul H, 769
- Gace, William J, 768  
Gackstetter, Gary D, 934  
Gaertner, Diane J, 925, 933  
Gage, E Dean, 295  
Galle, Jared B, 941  
Gallina, Anthony M, 768  
Garcia-Lacaze, Angie, 1725  
Gardner, Charles E, 1552  
Gardner, Gerald M, 770  
Gardner, Wade G, 768  
Garvey, Michael S, 574, 579  
Gasbarre, Louis C, 932  
Gaskin, Amanda A, 942  
Gaskin, Keith, 936  
Gaulke, Wayne G, 769  
Gaunt, Patricia, 933  
Gay, Clive, 1562  
Gay, John M, 579  
Gerber, Vincent M, 942  
Gettayacamin, Montip, 933  
Gibb, Murray, 1560  
Gibbon, Kristi J, 774, 942  
Gieger, Tracy L, 941

- Gilchrist, Julie, 760  
 Gill, Ronald E, 583  
 Gillespie, Tracey N, 942  
 Gillette, Edward L, 770  
 Gilman, Michael H, 768  
 Gilpin, Bob, 1562  
 Gipson, Chester, 1543  
 Giuliani, Rudolph, 9, 569, 584  
 Glaesner, Howard R, 770  
 Glauer, R David, 941  
 Gleeson, Laurie, 1242  
 Glickman, Lawrence T, 1717  
 Glisson, John, 32, 592  
 Glock, Robert D, 1246  
 Godfrey, Ernest C, 1247  
 Goemann, G Garry, 928  
 Golab, Gail C, 289, 583, 593  
 Gonzalez, Claudio Termicier, 1408  
 Good, Patricia M, 1545  
 Goodman, Robert Z, 1562  
 Goodwin, Jeffrey L, 933  
 Gordon, Edward I, 32  
 Gordon, Robert, 775  
 Goree, S Michelle, 423, 1403  
 Gorham, Sammy L, 1721  
 Gottfried, Sarah, 423  
 Goulet, Heather W, 1414  
 Graber, Elmer R, 769  
 Grace, William J, 768  
 Graham, Charles W, 770  
 Graham, Robert C, 769  
 Grandin, Temple, 288  
 Grant, David C, 942  
 Grattidge, Melvin D, 770  
 Gray, Heather, 1561  
 Gray, Norman E, 770  
 Green, Henry W, III, 941  
 Green, Lynn, 937  
 Greenberg, Myles A, 768  
 Greene, Craig E, 17, 167, 751  
 Greer, William E, 770  
 Greet, Tim, 929  
 Gregg, Judd, 1555  
 Greimer, Ellis, 940  
 Gribble, David H, 770  
 Griffin, Alison, 942  
 Griffin, Brenda, 585, 1100  
 Gritzmaker, Max S, 770  
 Grodecki, Krystyna M, 926  
 Grohs, Bethany, 32  
 Grosfield, Sharon, 22  
 Groth, Aaron H, Jr, 1414  
 Groves, Michael G, 1239  
 Grunbaum, Hans H, 770  
 Guerra, Marta A, 934  
 Gulikers, Keven P, 942  
 Gunter, Miriam J, 1414  
 Gustafson, Tanya, 295  
 Gutteridge, Frank R, 768  
 Guy, James S, 1721  
 Gwathmey, Judith K, 941  
  
 Hagerty, Thomas J, 585  
 Hahn, George E, 768  
 Halbur, Patrick G, 28, 1721  
 Hall, Amanda C, 928  
 Hall, Jean, 774  
 Hallowell, Alfred L, 770  
 Hambey, Donald H, 770  
 Hamill, John A, 32  
 Hammer, Gregory S, 13, 27, 31, 581, 768  
  
 Hamscher, Gerd, 924  
 Hancock, Loni, 22  
 Hanel, Rita M, 942  
 Hansen, Bernie, 1725  
 Hansen, Donald, 32  
 Hansen, Steve, 1400  
 Hanson, Chris E, 933  
 Hanson, Dirk A, 583  
 Hanson, Reid, 1725  
 Harbert, William B, 770  
 Harling, David E, 768  
 Harmon, Don, 294  
 Harris, James, 579  
 Harrison, Eldon O, 770  
 Hart, Lu, 1547  
 Harting, Robert D, 770  
 Hartman, Gail C, 424  
 Hartwick, Rod C, 768  
 Harvey, Stephen B, 933  
 Haskell, Scott R, 32, 583  
 Hatch, Robert L, 928  
 Hauser, Duane E, 770  
 Hawkins, Eleanor, 774  
 Hayden, David, 1720  
 Hayden, Harold E, 769  
 Hayden, Harvey W, 768  
 Hayden, Susan, 1105  
 Hayna, Justin, 1414  
 Heath, Dana, 1725  
 Heath, Sebastian, 935  
 Heathcote, Brent L, 927  
 Heatley, J, 1724  
 Heavner, Louis W, 768  
 Heffels-Redmann, Ursula, 589  
 Heidel, Jerry R, 928  
 Heider, Lawrence E, 939, 1404  
 Heiderstadt, Kathleen, 933  
 Heim, Dagmar, 919  
 Hein, V David, 769  
 Heins, Jeff, 595  
 Helfat, Mark P, 578, 595  
 Helmick, Kelly E, 32  
 Helwig, Charles A, 934, 935  
 Henderson, Dana Willis, 583  
 Hendricks, E Charles, 770  
 Hendrix, Charles, 1403  
 Hendrix, PK, 1720  
 Henson, Joe L, 768  
 Herbold, John R, 174, 928  
 Herlihey, Michael F, 769  
 Herlovich, Bobby J, 768  
 Herrmann, John A, 425  
 Hertzog, Robert E, 28, 31, 769  
 Hess, William A, 770  
 Hickman, Debra L, 933  
 Hickney-Larson, Phyllis, 936  
 Higginbotham, Mary L, 942  
 Hildebrand, Miles, 32  
 Hill, Everett D, 770  
 Hill, Kate E, 942  
 Hillman, Robert, 1413  
 Hillmann, Daniel J, 1720  
 Hines, Jacob A, 1561  
 Hinrichs, Katrin, 1413  
 Hjartarson, Steven, 933  
 Hoar, Bruce R, 934  
 Hoblet, Kent H, 1404  
 Hobson, H Phil, 770  
 Hoch, John, 575  
 Hodges, Dean R, 768  
 Hodoval, Ronald E, 769  
 Hoenig, Donald, 928  
 Hoerr, Frederic, 933  
  
 Hof, Clinton J, 770  
 Hofacre, Charles L, 592, 932  
 Hoffman, Andrew, 1721  
 Hoffsis, Glen F, 174, 421, 936  
 Hohlstein, Walter M, 770  
 Hoke, Janet, 1413  
 Holder, G Thomas, 928  
 Hollinger, Gary R, 32  
 Holley, Lavelle A, 769  
 Home, Robert O, 1414  
 Hood, David, 33  
 Hoogland, Marlin, 28  
 Hopkins, Al, 937  
 Hopkins, Elaine J, 768  
 Hopwood, Ronald T, 768  
 Horne, Robert D, 1414  
 Horner, Jacky R, 32, 768  
 Horning, Ronald S, 769  
 Hornstein, L Bruce, 768  
 Horowitz, Miriam L, 942  
 Housfield, James E, 935  
 Howard, Melvin D, 768  
 Howard, Paul E, 1105  
 Howard, Thaddeus M, 770  
 Howe, William M, 768  
 Howell, Joe M, 9, 10, 15, 34, 165, 168, 169, 172, 581, 585, 586, 589, 1560, 1711  
 Hrapkiewicz, Karen, 928  
 Hubbard, James, 22  
 Hudelson, Stacy, 1414  
 Hudson, James T, 768  
 Hueston, William D, 919, 921, 941, 1549  
 Huff, Dave, 774  
 Hughes, James M, 161  
 Hughes, Kathleen Powers, 32  
 Hughes, Richard H, 768  
 Huml, Raymond A, 424  
 Hurley, Firpo L, 768  
 Hustead, David R, 753, 928  
 Huston, Robert C, 768  
 Hutjens, Mike, 1549  
 Huxsoll, David L, 928  
 Hyde, John L, 768  
 Hyde, Norris J, 770  
 Hyland, John L, 769  
 Hyman, Sallie S, 942  
  
 Ibanez, Julio A, 1247  
 Idste, Fred S, 769  
 Ikuta, Courtney, 939  
 Imhoff, Roy K, 768  
 Inzana, Thomas J, 1721  
 Ivie, Ray, 1553  
  
 Jaax, Jerry, 1246  
 Jaax, Nancy, 1246  
 Jack, Sherman W, 928  
 Jacklin, Donald, 292  
 Jackson, Ian T, 1725  
 Jackson, Raymond T, 768  
 Jackson, Robert G, 768  
 Jacobs, Candace A, 934  
 Jacoby, Robert, 941  
 Jaeger, Jordan Q, 942  
 James, Robert B, II, 770  
 James, Ted L, 768  
 Jankowski, Monika K, 942  
 Jarboe, Daniel L, 928  
 Jarosinski, Keith W, 931  
 Jarrett, James A, 290, 574, 576, 1549, 1552  
  
 Jendrek, Edward W, 1562  
 Jernigan, William H, 768  
 Jessup, David A, 32  
 Jex, Elizabeth, 172  
 Jinman, Peter, 1560  
 Johnson, Anthony, 1725  
 Johnson, Darrell, 1550  
 Johnson, Dick, 575  
 Johnson, J Clyde, 32  
 Johnson, Jacob, 422  
 Johnson, James A, 1550  
 Johnson, Jody, 755, 1243  
 Johnson, Richard W, 578, 769  
 Johnson, Thomas, 28, 1726  
 Johnson-Delaney, Cathy, 941  
 Johnston, Shirley D, 20, 21, 936, 1245  
 Johnstone, Hubert C, 770  
 Jones, Althea A, 293, 755  
 Jones, Dick, 592  
 Jones, Pierre J, 770  
 Jones, Rex H, 769  
 Jones, Susan D, 19, 935  
 Jones, Susan EO, 1105, 1106  
 Jones, Walter N, 769  
 Judd, Robert L, 1720  
  
 Kaddatz, Laurel A, 579  
 Kaethler, Judy, 1562  
 Kahn, Sarah, 919  
 Kaleta, Erhard, 589  
 Kalm, Thomas, 770  
 Kaneko, J John, 583, 928  
 Karp, Adam, 20  
 Karschau, Bernhard E, 770  
 Kasimanickam, Ramanathan, 1414  
 Kastello, Mike, 1546  
 Kawcak, Christopher E, 1721  
 Kay, William J, 579  
 Kazmierski, Kathy J, 942  
 Keller, Dennis J, 173  
 Kelley, Patrick E, 768  
 Kellogg, Barry, 9  
 Kelsey, Charles, 938  
 Kendall, Leland D, 770  
 Kendall, Thomas R, 27, 576  
 Kennedy, Edward M, 772, 1241, 1715  
 Kent, Marc, 941  
 Kenyon, James, 1725  
 Kern, Fred W, 768  
 Kidney, Carolyn, 1414  
 Kihm, Ulrich, 919  
 King, Daniel J, 931  
 King, Lonnie J, 421, 1561  
 King, Ralph D, 768  
 Kinkler, Rowland, 32  
 Kinnarney, Joseph H, 573  
 Kirby, Rebecca, 1724  
 Kirkness, Ewen, 1405  
 Kislak, Paula, 1246  
 Klausner, Jeffrey S, 421, 579, 1722  
 Kleckner, Marlin D, 769  
 Kleiboeker, Steven B, 1721  
 Klein, Hilton J, 588  
 Klein, Patrice, 938  
 Kline, Leo J, 769  
 Klingborg, Jon, 423  
 Knecht, Charles D, 768  
 Knewton, Jan, 766  
 Knewton, Richard D, 766



- Knoll, Dean E, 928  
 Knudsen, Alan N, 769  
 Kochevar, Debbie, 774  
 Koenig, Amie, 1725  
 Koenig, Charles W, 768  
 Komaromy, Andras, 1561  
 Koncal, David C, 579  
 Koritz, Gary D, 774  
 Kornegay, Cecilia L, 575  
 Kornegay, Larry M, 581  
 Kraft, Wallace E, 928  
 Krahwinkel, Delbert J, Jr, 1720  
 Kranzke, Joyce, 169  
 Kraselsky, Charles N, 768  
 Krause, Amy J, 32  
 Krehbiel, Jan, 937  
 Kriete, Martin, 938  
 Krone, James V, 770  
 Krueger, James, 1721  
 Krushinskie, Elizabeth, 32, 35, 36, 932  
 Ksiazek, Thomas, 1246  
 Kuchinka, Gary D, 578  
 KuKanich, Butch, 774  
 Kunkle, Gail, 579, 936  
 Kusewitt, Donna, 1721  
 Kuwahara, Yukiko, 1414  
 Kyle, James W, 770  
 Kyser, William E, 768
- La Belle, John A, 768  
 La Rue, Billy J, 769  
 Lacroix, Charlotte, 935  
 LaFauce, Norman, 937  
 Lagojevich, Rod R, 1102  
 Lahmers, Gerald A, 769  
 Lambert, Lowell P, 769  
 Landals, Duane, 929  
 Landis, J Harold, 768  
 Landrieu, Mary, 22, 594, 772  
 Lange, Harold N, 33  
 Lange, Randall, 569  
 Langston, Cory, 579, 1400  
 Lapointe, George D, 291  
 Larson, Randall W, 573  
 Larson, Ronald C, 769  
 Larsson, Robert E, 770  
 Latendresse, John, 941  
 Latour, Sylvie, 937  
 Lauhoff, Bernard J, 769  
 Lavenda, Len, 922  
 Law, George P, 770  
 Lawrence, Elizabeth, 935  
 Lawrence, Steve R, 934  
 Layton, Gordon E, 769  
 Leash, Aaron M, 769  
 LeBlanc, Amy K, 942  
 LeBlanc, Michelle, 936, 937  
 Lebo, James B, 770  
 Ledbetter, Gregg, 1550  
 Leder, Jan A, 579  
 Ledermann, Florian, 1550  
 Ledet, Arlo E, 769  
 Lee, Justine, 1725  
 Lee, Marvin L, 770  
 Lees, Wayne, 1549  
 Lehenbauer, Terry W, 583, 1550  
 Lehman, Fred, 1413  
 Leighton, Marvin R, 769  
 Leininger, Mary Beth, 771, 1403, 1559  
 Lemme, Charles A, 32  
 Lemonds, Leo L, 19, 935
- Lemos, Edward J, 768  
 Lenz, Thomas R, 32, 1400  
 Leveque, Joseph I, 770  
 Levine, Bernard, 595  
 Levy, Julie K, 1720  
 Lewis, Amy, 424  
 Lewis, Charles E, 769  
 Lewis, Gerald E, 769  
 Lewis, Robert D, 32  
 Lewis, Robert E, 768  
 Lewis, Stephen J, 1721  
 Lewis, William M, 768  
 Liberati, Teresa A, 933  
 Liebler, Ed, 935  
 Lincoln, James D, 1721  
 Lindblad-Toh, Kerstin, 1406  
 Lindsey, G Dean, 769  
 Linebarger, John, 419  
 Lipowitz, Alan J, 1725  
 Lippincott, Charles L, 770  
 Little, Bruce W, 30, 582, 1407, 1411, 1560  
 Little, Daniel E, 32  
 Little, David, 569, 929, 1559  
 Littlefield-Chabaud, Martha A, 579  
 Loeb, Walter F, 769  
 Lofstedt, Jeanne, 1560  
 Lokai, Michael D, 1247  
 Lombard, Jason, 1551  
 Long, John P, 933  
 Longbrake, Karen, 936  
 Looby, George, 928  
 Loonam, Timothy, 928  
 Lorch, Karen, 1549  
 Loubiere, Sue, 1245  
 Lovern, Cindy S, 10, 1244, 1717  
 Lowe, David S, 941  
 Lower, Kimberly, 1414  
 Lowery, Custin B, 768  
 Luca, Francis C, 1721  
 Lucio-Martinez, Benjamin, 931  
 Ludwig, Georgie, 288  
 Luneke, Roger F, 769  
 Luria, Brian, 774  
 Lurye, Jill C, 942  
 Lutschauig, Mark, 1409  
 Lynch, JD, 768  
 Lynch, Leland C, 769  
 Lynk, Robert E, 768  
 Lyons, Daniel Joseph, 770
- Mac Lean, Sanford A, 770  
 MacAllister, Carolyn, 33  
 Maccabe, Andrew T, 1404, 1556  
 MacDonald, Ellen S, 942  
 Mackay-Smith, MP, 768  
 MacLachlan, N James, 1721  
 Macpherson, Margo, 1413  
 Madden, David L, 768  
 Madsen, David P, 573  
 Madwell, Bruce R, 774  
 Mael, M Sidney, 768  
 Maffey, R Paul, 936  
 Magnuson, Cheryl L, 934  
 Magnusson, Roger, 937  
 Mahr, Roger K, 15, 581, 769  
 Mallery, Kevin F, 942  
 Mandrell, Timothy D, 934  
 Mann, Curt, 169, 939  
 Mann, Tony, 1725  
 Mansfield, Linda, 932, 933
- Marano, Nina N, 934  
 Marcus, Daniel C, 1721  
 Marden, Donald T, 770  
 Maret, Charles R, 769  
 Marioni-Henry, Katia, 941  
 Markel, Mark D, 1725  
 Martin, Dale, 933, 1546  
 Martin, Emily AK, 933  
 Martin, Marcus F, 768, 1414  
 Martin, Robert A, 32  
 Martin, Walter L, 585  
 Marton, Steve, 1559  
 Mashima, Ted, 938  
 Matchette, Patrick C, 769  
 Matheson, John, 162  
 Mathews, Karol, 1724  
 Matteson, Sara K, 423, 1403  
 Matushek, Kurt J, 293  
 Maudlin, Thomas A, 769  
 Maul, Marvin O, 770  
 Maurer, John, 592  
 May, A Wayne, 768  
 Mayo, John A, 769  
 Mc Clure, Robert C, 769  
 Mc Cormick, Richard H, 769  
 Mc Culloch, William F, 770  
 Mc Daniel, Harless A, 768  
 Mc Donald, John S, 770  
 Mc Kissick, Gaylord E, 768  
 Mc Mullan, William C, 770  
 Mc Mullen, Murray E, 770  
 Mc Pherson, Charles W, 768  
 McArthur, Morgan, 569, 585  
 McClary, David, 1551  
 McClelland, Catherine, 1403  
 McClure, Kent D, 579  
 McCrystle, David L, 570, 578, 581  
 McCue, Leesa, 1414  
 McCurdy, Lewis H, 1414  
 McCurnin, Dennis, 9, 592, 928  
 McDevitt, Cheryl, 1562  
 McDowell, Karen, 1406  
 McEniry, William J, 928  
 McGinn, Thomas J, III, 164, 424  
 McGurrin, M Kimberly, 942  
 McIntyre, Maureen, 1726  
 McKinnell, Hank, 172  
 McLaughlin, Steven I, 934  
 McLellan, Mark, 1711  
 McMullin, Paul, 592  
 McNamee, Mark, 1412  
 Meachum, Henry James, 769  
 Mealy, Katrina, 774  
 Mebus, Charles A, 768  
 Medernach, Ramon W, 769  
 Medleau, Linda, 936  
 Meiring, Rich, 1551  
 Melcher, John, 22, 587, 771  
 Melendez, Lynda D, 1720  
 Melzer, Katja J, 942  
 Mercer, Linda Pollack, 294  
 Merrill, Nancy L, 934  
 Mertens, W Daniel, 35, 36  
 Meyer, Thomas F, 15, 34, 581  
 Michel, Kathy, 1724  
 Miessler, Tom O, 770  
 Mikolon, Andrea, 1716  
 Miles, Del, 1552  
 Miller, Bayne E, 768  
 Miller, Carrie J, 774, 942  
 Miller, Gordon P, 768
- Miller, Harold V, 769  
 Miller, Janice M, 1245  
 Miller, Lee E, 768  
 Miller, Matthew, 774  
 Miller, Michael R, 28, 576  
 Miller, Myrna, 931  
 Miller, Sybille A, 942  
 Miller-Morgan, Timothy, 32  
 Mills, Boyd D, 770  
 Mills, Max Terry, 768  
 Minton, Kermit W, 769  
 Mitchell, Erin, 295  
 Mitchell, Gerald R, 770  
 Mitchell, Mark, 756  
 Mitchell, Sheila, 933  
 Mittal, Suresh K, 1721  
 Moe, Thomas, 595  
 Moenter, Julie, 1105  
 Molgaard, Laura, 421  
 Monte, Beth, 32, 935  
 Montgomery, James K, Jr, 768  
 Monty, Dewey E, 770  
 Moore, George, 937  
 Morandi, Raymond J, 769  
 Morris, Robert C, 769  
 Morrow, Carla, 933  
 Mosier, Derek A, 425  
 Moulin, Frederique, 920  
 Moura, Lenita, 931  
 Mouser, Robert S, 768  
 Mulder, John B, 769  
 Murawski, Daniel H, 31, 926  
 Murchie, Tracy, 1413  
 Murphy, Christopher J, 587  
 Murphy, Eugene E, 770  
 Murphy, Michael, 933  
 Murphy, Noreen A, 934, 938  
 Murray, Len E, 934  
 Muschetto, Frank, 289  
 Mussells, Patti, 1555  
 Mutsaers, Anthony J, 942  
 Myers, David D, 768  
 Myers, Lawrence J, 1721
- Naqi, Syed, 589  
 Nash, Rex A, 769  
 Nasti, Erich, 769  
 Nave, James E, 34, 585, 771, 928, 938, 1407  
 Nelson, Wendell A, 1414  
 Nett-Mettler, Claudia, 1414  
 Neuberger, Darrell, 1726  
 Newcomb, Bradford F, 770  
 Newkirk, Ingrid, 759  
 Newman, Martin J, 768  
 Newman, Michael E, 579  
 Newman, Stanley, 768  
 Nicastro, Andrea, 942  
 Nicholson, Ivan R, 769  
 Nickelson, Deb, 936, 937  
 Nicoletti, Paul L, 769, 940  
 Nielsen, Astrid C, 942  
 Niswender, Kory, 1414  
 Nix, Elizabeth, 764, 767  
 Noah, Donald L, 934  
 Noble, Carol, 1562  
 Northington, Wade A, 928
- O'Haver, Delano L, 769  
 O'Sullivan, Lynne, 941  
 O'Toole, Donal, 417  
 Okumura, Sarah, 423  
 Olander, Harvey J, 770



- Olkowski, AA, 592  
 Olson, Patricia NS, 936  
 Olson, Roger, 173  
 Omstead, Marvin L, 1725  
 Orrell, Robert J, 768  
 Orthofer, John G, 769  
 Ortner, Frederick, 1245  
 Osterholm, Michael, 163  
 Ostrich, Sherbyn W, 574  
 Ostwald, Donald, 766  
 Ostwald, Jo Ann, 766  
 Oswalt, Merlin, 770  
 Ott, Vern, 938, 1246  
 Owen, Donald L, 770  
 Owen, Jonathan, 11  
 Owen, Robert, 932  
 Oyama, Mark, 1720
- Pacheco, Max, 759  
 Packard, Julie, 424  
 Paik, Terry, 1716  
 Paine, James G, 768  
 Palmer, Scott E, 578  
 Paradis, Mary Rose, 774  
 Parent, Joane, 774  
 Parker, Dennilyn, 1725  
 Parker, Gerald, 33  
 Parmer, Daniel, 294  
 Parris, Lorraine Smith, 770  
 Parshley, Lisa, 579, 764  
 Pascoe, John, 1722  
 Pataki, George, 1719  
 Patricelli, Alison J, 35  
 Patronek, Gary J, 1721  
 Patton, Leah, 292  
 Paul, Tim, 764, 767  
 Pautz, Dudley D, 769  
 Pawlowski, Ken, 423  
 Peacock, Michelle, 938  
 Pearson, Erwin G, 770  
 Pearson, Molly M, 1247  
 Peddie, James F, 30, 31, 423, 570, 572, 582  
 Pembleton-Corbett, Julie R, 942  
 Pendry, Steven R, 588  
 Perdue, Sonny, 1722  
 Perilla, Jaime AR, 933  
 Perius, Lisa A, 935  
 Perry, George, 1413  
 Petersen, Morten, 1414  
 Peterson, Eric, 1414  
 Peterson, Polly B, 942  
 Peterson, Roy, 932  
 Petrolini, Elisa, 1725  
 Philippe, Cynthia, 933  
 Phillips, Jere M, 768  
 Phillips, Ron, 772, 1242  
 Pickering, Charles, 22, 27, 772  
 Pierson, Robert H, 768  
 Pinard, Chantale, 1561  
 Pinckney, Bernard, 932  
 Piper, Richard C, 768  
 Pirtle, H Winston, 1414  
 Plaza, DiAnn, 294  
 Plumlee, Konnie, 933  
 Poad, Clarke M, 769  
 Poirier, Vateria J, 942  
 Pomerantz, Philip, 1245  
 Pompos, Lisa J, 933  
 Pond, Cynthia L, 578, 937  
 Popescu, Alexandru, 18, 937  
 Poppenga, Robert, 933  
 Poulin, Amy, 764, 767
- Powers, Barb, 1414  
 Prent, Joane, 774  
 Presnell, Marc A, 1247  
 Pressler, Barrak M, 942  
 Prestage, Ron, 35  
 Price, William J, 928  
 Pritt, Stacy, 936, 937  
 Proulx, David R, 942  
 Pryor, Charles R, 770  
 Purcell, Jeanette E, 933  
 Pusterla, Nicola, 774, 942  
 Putnam, Charles L, 768  
 Putnam, Harold D, 770
- Qual, Deidre A, 934  
 Quilling, Jerry, 575  
 Quist, William J, 770
- Radosta, Lisa, 936  
 Radovic, Michael, 768  
 Raffo, Charles, 933  
 Ragains, Lee S, 769  
 Railsback, Jack D, 769  
 Rainey, C Tom, 1722  
 Ramsey, Alan R, 769  
 Randolph, R Wayne, 595  
 Rapoport, Gregg S, 941  
 Rapotec, Joseph Francis, 769  
 Rasor, Mollie, 935  
 Ratajczak, Christina, 937  
 Rausch, William P, 941  
 Raven, Doug, 935  
 Rawlings, Clarence, 587  
 Rawson, Chet, 1413  
 Ray, James A, 768  
 Reed, Stephen M, 1105  
 Reed, Thomas T, 769  
 Reed, Willie M, 928  
 Reeve, Linda D, 423  
 Reimer, Nancy A, 934  
 Reinemeyer, Craig, 932, 933  
 Reinhardt, Viktor, 1544  
 Reppuhn, Dustine, 764  
 Reschly, Carl E, 769  
 Reynolds, Carl C, 768  
 Reynolds, James P, 32  
 Rezac, Darlan J, 770  
 Rhoades, John D, 770  
 Rhodes, Dusty, 937  
 Rhodes, R Tracy, 32, 770  
 Rice, Bennie, Jr, 594  
 Rice, Cheryl C, 942  
 Rice, LE, 770  
 Richard, Kerry M, 935, 936  
 Richards, George E, 32  
 Richards, James R, 578  
 Ricker, Albert S, 769  
 Ricker, Robert L, 768  
 Riddell, M Gatz, 1103, 1551  
 Ritchie, GC, 931  
 Ritchie, Stewart, 932  
 Riviere, Jim E, 774, 1723  
 Roach, Lewis D, 769  
 Roach, William A, 770  
 Roberts, David L, 769  
 Roberts, Jack M, 769  
 Roberts, Kenneth E, 769  
 Robertson, Gerald D, 770  
 Robinson, Walter C, III, 574, 578  
 Rock, Fred M, 934  
 Rockefeller, Jay, 936  
 Rodriguez, Damon B, 942
- Rodriguez, Nancy A, 933  
 Rogers, Jack M, 769  
 Rogers, Jolly H, 769  
 Rogers, Nathaniel, 769  
 Rollin, Bernard E, 168, 1724  
 Roncalli, Raffaele, 935  
 Rondeau, Mark P, 942  
 Roop, Michael R, 569  
 Roop, R Gary, 1562  
 Root Kustritz, Margaret V, 1413  
 Rosenberger, James, 932  
 Rosenthal, Robert, 774  
 Ross, Dean A, 939  
 Ross, James N, Jr, 424, 1725  
 Rossano, Mary, 932  
 Rossmel, John H, Jr, 941  
 Rosypal, Alexa, 933  
 Roth, James, 1715  
 Rubin, Howard, 28  
 Rucker, Amy, 1720  
 Rudd, Ned W, 769  
 Rumore, Michael J, 1247  
 Rush, Bonnie R, 1720  
 Rushin, Gerald, 1409  
 Russell, Harry S, 768  
 Russell, James D, 770  
 Russell, Leon H, 24, 1407  
 Russell, Mark, 1414  
 Russell, Ray L, 770  
 Rustebakke, Dave, 595  
 Rylander, Helena U, 941  
 Ryno, Richard R, 770
- Sabin, Elizabeth A, 1240  
 Sackett, Charles S, 769  
 Saif, Linda, 174  
 Salata, Michele A, 424  
 Salem, Mariano, 932  
 Saliki, Jeremiah T, 1721  
 Salisbury, Souvigny, 765  
 Salley, W Everette, 768  
 Salman, MD, 1554  
 Salveter, Paige, 764  
 Salzieder, Karl R, 935  
 Samuels, Joan M, 581, 770  
 Sandemeyer, Lynne, 1561  
 Sanders, Don, 1413  
 Sanders, James G, 768  
 Sanders, John P, 934  
 Sanderson, Karen R, 941  
 Sanford, Thomas T, 768  
 Satalowich, FT, 1246  
 Sattler-Augustin, Susan, 1725  
 Sauberli, Debra, 1414  
 Saviano, Angelo, 294  
 Saville, William JA, 1105  
 Sawa, Thomas R, 770  
 Saxe, Charles S, 770  
 Sayegh, Ayman Issa, 1721  
 Scarfe, A David, 22  
 Schafer, William J, 769  
 Schalk, Thomas G, 769  
 Scharko, Patricia B, 934, 1551  
 Schatzberg, Scott, 774  
 Schech, Mat, 938  
 Scheidt, Alan B, 32  
 Scheld, Arthur E, 768  
 Schelkopf, Sterling L, 770  
 Scherbenske, Arlyn, 33  
 Schlitz, John J, 33, 1725  
 Schmidt, Karl, 1561  
 Schmidt, Robert E, 1725  
 Schmiesing, Greg, 935
- Schmitt, Steve M, 1097  
 Schneider, Herbert, 929  
 Schrader, Jerry Lynn, 769  
 Schradling, Linda, 595  
 Schroeder, Edward C, 769  
 Schueler, Ronald O, 1562  
 Schultz, Kevin, 940  
 Schultz, Loren G, 934  
 Schultz, Richard H, 770  
 Schurig, Gerhardt, 1412  
 Schussman, Waltraut K, 770  
 Schwark, Wayne S, 1720  
 Schwirck, Stephen, 768  
 Scott, James R, 770  
 Scott, John F, 935, 936  
 Scott, Nicole, 764, 767  
 Scout, Rhett W, 933  
 Seda, Leonard F, 769  
 Seddon, John W, 768  
 Sedgwick, Charles Jerome, 770  
 Seibel, Donald E, 769  
 Seibert, Lynne M, 936  
 Self, Leon C, 769  
 Sellon, Debra, 774  
 Sertich, Pat, 1413  
 Sessions, Jeff, 22  
 Shaffran, Nancy, 1725  
 Sharp, Frederick J, 769  
 Shaw, T Michael, 769  
 Shearer, Jan K, 1561  
 Sheehan, Richard J, 768  
 Sherman, Stephanie J, 934  
 Sherwood, Donald K, 768  
 Shiilegdamba, Enkhtuvshin, 937  
 Shipman, Heidi, 937  
 Shires, Michael, 173  
 Shook, John C, 768  
 Shuck-Lee, Deidre, 934  
 Shull, Elizabeth, 931  
 Shumway, John D, 768  
 Sibbel, Rick L, 583  
 Sick, Fred, 1725  
 Siegert, Roger L, 769  
 Sillence, Jo, 929  
 Silver, Bertram S, 770  
 Simkins, Mikele, 933  
 Simmons, Donald G, 21, 293, 927, 1407  
 Simmons, J Douglas, 424  
 Simons, Joseph, 171  
 Simonsen, Russell P, 770  
 Simpson, John G, 770  
 Sinclair, Andrea, 931  
 Sinclair, William R, 768  
 Sis, Raymond F, 287, 770  
 Slack, JoAnn, 774  
 Slade, Margot, 165  
 Slattum, Muriel M, 934  
 Slavinski, Sally, 934  
 Slingerland, Marshall V, 769  
 Smarick, Sean, 1725  
 Smith, Billy I, 1720  
 Smith, Charles B, 770  
 Smith, DC, 576  
 Smith, Donald, 938  
 Smith, Donald F, 928  
 Smith, Donald R, 770  
 Smith, John, 36  
 Smith, Malcolm H, 770  
 Smith, Peter C, 933  
 Smith, Phoebe A, 942  
 Smith, Robert A, 1552

- Smith, Suzanne, 595  
 Smith, Vicki, 595  
 Smith, William G, 424  
 Smithcors, J Fred, 19, 935  
 Snell, Virginia, 295  
 Snyder, Daniel E, 932, 933  
 Snyder, Russell J, 769  
 Solaly, Cheryl D, 942  
 Sohn, Ronald, 1562  
 Solberg, Gaylord M, 770  
 Somerville, James R, 769  
 Souza, Marcy, 1725  
 Spangenberg, Jill, 928  
 Sparling, Carl G, 769  
 Spearman, David H, 768  
 Speer, Brian  
 Spencer, JL, 589  
 Spire, Mark F, 1551, 1553  
 Sporn, Clifford, 595  
 Sprout, Kimberly, 592, 932  
 Sprung, Cecil, 768  
 Spurling, Judith, 936  
 Stalheim, Ole HV, 935  
 Stamp, Gary L, 1724  
 Stangle, Jim, 1106  
 Stanton, Jack S, 770  
 Starr, Mark D, 33  
 Steckelberg, Arvin L, 770  
 Steele, James H, 938, 1101  
 Steele, Jennifer L, 942  
 Stegeman, Julie R, 942  
 Stein, Susan, 934  
 Steiner, John, 1413  
 Steinhauer, Phil, 928  
 Steinhoff, Alfred C, 768  
 Stelzer, Donald, 937  
 Stephens, Jack, 932  
 Stevens, William R, 770  
 Stevenson, Lisa, 1247  
 Stewart, Patricia W, 933  
 Stewart, Steven C, 1549  
 Stich, Kelly, 1414  
 Stiff, Marilyn, 774  
 Stinson-Dixon, Rebecca E, 579  
 Stock, Raymond, 1409  
 Stoffregen, William C, 1098  
 Stokes, Bill, 937  
 Stoltzenow, Charles L, 574, 578, 1243  
 Stone, Arthur W, 770  
 Stone, Nelson L, 770  
 Stone-Payne, Chris, 936  
 Stout, Wayne E, 770  
 Strickland, James E, 928  
 Strickland, Robert K, 770  
 Struve, Rexanne, 1725  
 Su, Lily, 764, 767  
 Sullivan, Linda J, 1721  
 Sumner, William A, 768  
 Sundberg, Paul L, 934  
 Swaim, Steven, 1725  
 Swanson, Raymond B, 770  
 Swart, Donald A, 768  
 Sweeny, John, 16  
 Swenson, Melvin J, 937  
 Swinebroad, Eric L, 942  
 Sympton, Terry, 764, 767  
 Szatalowicz, Marion, 1246  
 Taboada, Joe, 774  
 Taft, Arnold, 1723  
 Talafha, Abdelsalam Q, 1414  
 Talcott, Patricia, 933  
 Tan, Regina, 938  
 Taylor, Donald O, 769  
 Taylor, Frank D, 768  
 Taylor, Jewell R, 770  
 Taylor, Kim, 595  
 Taylor, Robert A, 1725  
 Taylor, Wade, 1552  
 Teeter, Stanley M, 770  
 Tegzes, John, 933  
 Teigen, Philip M, 935  
 Tennyson, Arthur V, 30  
 Terk, Roger Hurley, 770  
 Tester, Dave F, 595  
 Thatcher, William, 1413  
 Theran, Peter, 424, 573, 578  
 Thomas, Anthony C, 770  
 Thomas, John W, 936  
 Thomas, Mike, 937  
 Thomas, Peter, 28  
 Thompson, James, 32  
 Thompson, Tommy G, 1403, 1721  
 Thorne, James G, 928  
 Thornton, Gus W, 424  
 Thulin, Joe D, 934  
 Thurmond, Mark, 11  
 Tibary, Ahmed, 1562  
 Tiekert, Carvel, 1562  
 Tischler, Joyce, 1544  
 Toia, Jo, 1560  
 Tomlinson, Sarah, 1549  
 Toms, Lawrence S, 768  
 Torine, Barry M, 769  
 Torrence, Robert F, 770  
 Toth, Thomas E, 1721  
 Townsend, Wendy, 1561  
 Traber, John E, 770  
 Trapp, Allan L, 769  
 Traub-Dargatz, Josie L, 1414  
 Trigo, Francisco, 1407  
 Trimmer, HT, 32  
 Tripathy, Deoki, 931  
 Trout, H Fred, 33, 583  
 Trull, Frankie L, 1544, 1547  
 Tucker, James E, 770  
 Tumulty, Joshua W, 942  
 Turek, Michelle, 942  
 Turner, Jerome, 1414  
 Turner, Ray D, 770  
 Turpin, Elizabeth, 931  
 Tyler, Jeffrey W, 170, 588  
 Tzipori, Saul, 1557  
 Upson, Dan, 1246  
 Urban, Joseph F, Jr, 932  
 Vachon, Pascal, 933  
 Vallat, Bernard, 1560  
 Van Buskirk, Max A, 768  
 van der Heide, Louis, 931  
 Vanciel, Lyle, 919  
 Vanderklok, Michael S, 1097  
 Vanderlip, Jack E, 770  
 Vanderwall, Dirk, 292  
 Vanegas, Jorge, 1551  
 Vangness, Sharon, 935  
 Vankavage, Ledy, 294  
 Varela, Andrea, 933  
 Vassar, Phil, 569, 590  
 Vaughan, John Thomas, 768, 928, 940  
 Veemema, Ronald, 1105  
 Vega, Ramon A, 770  
 Veir, Julia K, 942  
 Veneman, Ann M, 922, 1561, 1718  
 Vengust, Modest, 942  
 Venter, J Craig, 1405  
 Vesely, Keith R, 934  
 Villaincourt, JR, 422  
 Villar, David, 933  
 Villegas, Pedro, 931  
 Vincent, Jack, 770  
 Virts, Henry A, 768  
 Vogel, Lyle P, 33, 1242, 1402, 1714  
 Vrbka, Donald H, 770  
 Waddell, John, 1551  
 Wages, Dennis P, 32, 933  
 Wagner, Russell W, 769  
 Wagner, William C, 769  
 Wagstrom, Elizabeth A, 934  
 Wainscott, Donald L, 770  
 Wait, Pierre, 768  
 Waitt, Laura, 933  
 Wakem, Edward, 575  
 Waldrip, Donald, 35, 36  
 Waldrop, Jennifer, 1725  
 Walker, Dave, 1105  
 Wallace, David K, 32  
 Wallace, Richard, 1549  
 Waller, Roger R, 770  
 Wallinga, David, 1241  
 Walsh, John, 424  
 Walters, Michael E, 1720  
 Walters, Shawna, 295  
 Walther, Jack O, 24, 25, 34, 168, 287, 420, 570, 581, 771, 1105, 1407  
 Waltner, Scott, 1551  
 Walton, Emily, 928  
 Walton, Rebecca, 425  
 Wandzliak, Charlene, 935  
 Warbington, Martin, 32  
 Ward, Jack K, 770  
 Ward, Madalyn, 1726  
 Watkins, Kenneth G, 768  
 Watson, James A, 32  
 Watson, John William, 768  
 Weaver, Christine, 33  
 Weaver, William A, 769  
 Webb, Adin R, 769  
 Webb, William A, 768  
 Webber, Richard E, 1246  
 Weese, Scott, 1399  
 Weigler, Benjamin J, 925  
 Weinstein, Peter, 423  
 Weissinger, Russell LR, 934  
 Welborn, Link V, 165, 1100  
 Welch, Paul, 1725  
 Welle, Kenneth, 1725  
 Wendt, Konnie Michelle, 1414  
 Wernette, Karen M, 20, 935, 936  
 West, Joe E, 770  
 Westbrook, Catherine, 415  
 Westlake, Robert L, 770  
 Wetzell, Thomas F, 770  
 Wetzell, Thomas L, 32, 33  
 White, Pauline, 1716  
 Whitehair, Michael L, 578  
 Whiteley, Herbert, 422  
 Whitley, Thomas F, 1247  
 Whitmoyer, Carol B, 770  
 Whitney, Elizabeth, 1414  
 Whittm, Ted, 774  
 Widdison, Chad N, 770  
 Widdowson, Walter L, 769  
 Wikse, Steven E, 1552  
 Wilcke, Jeff, 33  
 Wileman, Ben, 28  
 Wilkerson, James D, 933  
 Wilkes, Richard, 32  
 Wilkins, Pam, 1724  
 Wilkins, Robert E, 769  
 Wilkinson, James C, 768  
 Willey, Barbara, 1399  
 Williams, Amber, 295  
 Williams, Charlie D, 770  
 Williams, Dayton, 1106  
 Williams, Eric I, 1552  
 Williams, James E, 770  
 Williamson, Joseph G, 934  
 Williamson, Tom, 1414  
 Wills, Robert W, 1721  
 Wilsnack, Roger E, 768  
 Wilson, James F, 18, 20  
 Wilson, Janet S, 28  
 Winkler, Saul T, 768  
 Wimpenny, C Gordon, 770  
 Wingert, Fred D, 770  
 Winkenwerder, William, Jr, 175  
 Winkler, William G, 769  
 Wismer, Tina, 933  
 Witonsky, Sharon, 942  
 Witt, Clara, 938  
 Witter, Richard, 592  
 Witter, Wayne R, 768  
 Wolfe, Dwight, 1413  
 Witzel, Stanley A, 768  
 Wolak, Mitchell T, 768  
 Wolfe, David M, 942  
 Wong, Lloyd H, 769  
 Wood, Fritz, 18  
 Woods, Gordon, 292  
 Woolf, Walter, 590  
 Wozniak, Ed, 938  
 Wright, James H, 27, 33, 928  
 Wright, Jennifer G, 934  
 Wright, Sandy, 1562  
 Wu, Ching Ching, 932, 1401  
 Wustenburg, Mark, 1551  
 Wyman, Milton, 1561  
 Yan, Wenbo, 1413  
 Yeary, Roger A, 770  
 Young, Thomas D, 769  
 Zarco, Luis, 1408  
 Zavala, Louise Dufour, 932  
 Zelko, Gary, 935  
 Zellner, Carleton M, 769  
 Zelnik, Vladimir, 592  
 Zeman, David, 1105  
 Zent, Walter, 1413  
 Zepeda, Cristobal, 763  
 Zhang, Qijing, 422  
 Zikes, Cynthia D, 942

# Index to Subjects

## A

### Abortion

Fetal bronchopneumonia in a dairy herd [L Strelow], 1423

### About the Cover

Partners, by Fred Stone, 1  
 Kim's Cows, by Karen McCormack, 155  
 Rabbits and a Guinea Pig, by Alfred R Barber, 281  
 Bugle Boys, by Judi Betts, 409  
 AVMA Officials, 561  
 Phoebe of Muskegon, by Eric Wiegand, 745  
 All Creatures Great and Small, by Katherine Klimits, 913  
 Vizla, by Dr. William Mandel, 1089  
 Arabesque, by Sonja Searcy, 1233  
 Looking to Tomorrow, by Joanne Graham, 1343  
 Winterscape, 1537  
 Mischief on a Stump, by David Jean, 1705

### Abscesses

Cavitary lesions in the lungs of a dog with pneumonia [DA Robinson et al], 1259

### Acepromazine

Update on FARAD food animal drug withholding recommendations [SRR Haskell et al], 1277

### Adenocarcinoma

Intestinal adenocarcinoma and trichobezoars in a cat [CH Gardner et al], 783

### Adrenal Glands

Surgical management of adrenal gland tumors with and without associated tumor thrombi in dogs: 40 cases (1994–2001) [AE Kyles et al], 654

### Age

Age-related variations in hematologic and plasma biochemical test results in Beagles and Labrador Retrievers [EJ Harper et al], 1436

### Aggression

Aggression in a dog with low serum thyroxine concentration [J Fatjó et al], 623  
 Multifactorial aggression in a dog [P Pryor], 954  
 Urine marking and aggression in a cat [P Pryor], 1117

### Alfentanil

Use of a combination of propofol and fentanyl, alfentanil, or sufentanil for total intravenous anesthesia in cats [GM Mendes et al], 1608

*American Journal of Veterinary Research (AJVR) - Instructions for Authors*  
 222, 1812

*American Journal of Veterinary Research (AJVR) - Tables of Contents*  
 232, 506, 856, 1176, 1478, 1812

### Amikacin

Injection of corticosteroids, hyaluronate, and amikacin into the navicular bursa in horses with signs of navicular area pain unresponsive to other treatments: 25 cases (1999–2002) [RM Dabareiner et al], 1469

### Anal Sac

Carcinoma of the apocrine glands of the anal sac in dogs: 113 cases (1985–1995) [LE Williams et al], 825

### Analytic & Diagnostic Techniques

Accuracy and precision of a point-of-care hemoglobinometer for measuring hemoglobin concentration and estimating packed cell volume in horses [H Chevalier et al], 78  
 Diagnostic quality of percutaneous kidney biopsy specimens obtained with laparoscopy versus ultrasound guidance in dogs [CA Rawlings et al], 317  
 Clinical differentiation of acute necrotizing from chronic non-suppurative pancreatitis in cats: 63 cases (1996–2001) [JA Ferreri et al], 469  
 Surveillance for detection of foot-and-mouth disease [TW Bates et al], 609  
 Evaluation of a continuous glucose monitoring system for use in dogs, cats, and horses [CE Wiedmeyer et al], 987  
 Evaluation of bacteriologic culture of individual and pooled fecal samples for detection of *Mycobacterium paratuberculosis* in dairy cattle herds [SJ Wells et al], 1022  
 Patterns of mycoplasma shedding in the milk of dairy cows with intramammary mycoplasma infection [MK Biddle et al], 1163  
 Diagnostic peritoneal lavage for identification of blastomycosis in a dog with peritoneal involvement [C Nielsen et al], 1623

### Anastomosis

Risk factors for leakage following intestinal anastomosis in dogs and cats: 115 cases (1991–2000) [SC Ralphs et al], 73

### Anesthesia Case of the Month

Epidural anesthesia for surgery of the spinal column in a dog [D Zimmerman et al], 619

### Anesthesiology

Epidural anesthesia for surgery of the spinal column in a dog [D Zimmerman et al], 619  
 Comparison of the retrobulbar and Peterson nerve block techniques via magnetic resonance imaging in bovine cadavers [SG Pearce et al], 852  
 Effects of postoperative administration of ketoprofen or carprofen on short- and long-term results of femoral head and neck excision in dogs [E Grisneaux et al], 1006  
 Minimum alveolar concentration of sevoflurane in spontaneously breathing llamas and alpacas [TL Grubb et al], 1167  
 Myths and misconceptions in small animal anesthesia [AE Wagner et al], 1426  
 Use of a combination of propofol and fentanyl, alfentanil, or sufentanil for total intravenous anesthesia in cats [GM Mendes et al], 1608

### Aneurysm

Familial aortic aneurysm in Leonberg dogs [V Chetboul et al], 1159

### Animal Behavior Case of the Month

Aggression in a dog with low serum thyroxine concentration [J Fatjó et al], 623  
 Fear and submissive urination in a dog [P Pryor], 790  
 Multifactorial aggression in a dog [P Pryor], 954  
 Urine marking and aggression in a cat [P Pryor], 1117

### Animal Welfare

Comparison of injuries in sows housed in gestation stalls versus group pens with electronic sow feeders [L Anil et al], 1334

### Animal Welfare Forum: The Welfare of Zoo Animals

In defense of zoos and aquariums: the ethical basis for keeping wild animals in captivity [M Hutchins et al], 958  
 Welcome [JO Walther], 958  
 Strategic collection planning and individual animal welfare [TL Maple], 966  
 Positive reinforcement training and environmental enrichment: enhancing animal well-being [GE Laule], 969  
 Stress and distress: evaluating their impact for the well-being of zoo animals [N Wielebnowski], 973  
 Steering the ark toward Eden: design for animal well-being [JC Coe], 977

Surplus animals: the price of success [AH Lewandowski], 981

#### Ankyloglossia

Complete ventral ankyloglossia in three related dogs [MD Temizsoylu et al], 1443

#### Anthelmintics

Identification of foals infected with *Parascaris equorum* apparently resistant to ivermectin [FPD Hearn et al], 482

Evaluation of prevalence and clinical implications of anthelmintic resistance in gastrointestinal nematodes in goats [LL Mortensen et al], 495

#### Antimicrobials

Assessment of plasma concentrations of doxycycline in budgerigars fed medicated seed or water [K Flammer et al], 993

Evaluation of flunixin meglumine as an adjunct treatment for diarrhea in dairy calves [SC Barnett et al], 1329

#### Aorta

Familial aortic aneurysm in Leonberg dogs [V Chetboul et al], 1159

#### Applications for Membership

109, 239, 362, 515, 695, 867, 1039, 1183, 1342, 1486, 1655, 1817

#### Aquaculture

Waste management: aquaculture and fisheries [MJ Kebus], 56

#### Arrhythmias

Risk factors for atrial fibrillation during racing in slow-finishing horses [H Ohmura et al], 84

#### Arthrodesis

Use of a three-drill tract technique for arthrodesis of the distal tarsal joints in horses with distal tarsal osteoarthritis: 54 cases (1990–1999) [JE Dechant et al], 1800

#### Arthroplasty

Intrapelvic granuloma formation six years after total hip arthroplasty in a dog [CB Freeman et al], 1446

#### Arthrosis

Diagnosis and treatment of arthrosis of cervical articular facet joints in Scottish Deerhounds: 9 cases (1998–2002) [S Kinzel et al], 1311

#### Auctions

Comparison of prices paid for feeder calves sold at conventional auctions versus special auctions of vaccinated or conditioned calves in Ontario [JE Macartney et al], 670

Health performance of feeder calves sold at conventional auctions versus special auctions of vaccinated or conditioned calves in Ontario [JE Macartney et al], 677

#### AVMA Conventions

104, 234, 357, 509, 690, 864, 1034, 1179, 1339, 1481, 1652, 1814

## B

#### Babesia spp

*Babesia odocoilei* infection in elk [LL Galletin et al], 1027

Concurrent bartonellosis and babesiosis in a dog with persistent thrombocytopenia [AD Tuttle et al], 1306

#### Bacteria

Human campylobacteriosis: a challenge for the veterinary profession [SF Altekruse et al], 445

Epidemiologic study of intramammary infections with

*Staphylococcus aureus* during a control program in nine commercial dairy herds [A Zecconi et al], 684

Evaluation of bacteriologic culture of individual and pooled fecal samples for detection of *Mycobacterium paratuberculosis* in dairy cattle herds [S] Wells et al], 1022

Patterns of mycoplasma shedding in the milk of dairy cows with intramammary mycoplasma infection [MK Biddle et al], 1163

Detection of *Salmonella* organisms and assessment of a protocol for removal of contamination in horse stalls at a veterinary teaching hospital [CA Alinovi et al], 1640

Ehrlichiosis and related infections [JH McQuiston et al], 1750

Foal-related risk factors associated with development of

*Rhodococcus equi* pneumonia on farms with endemic infection [MK Chaffin et al], 1791

Potential pathogens in feces from unworned llamas and alpacas with diarrhea [CK Cebra et al], 1806

#### Bartonella spp

Concurrent bartonellosis and babesiosis in a dog with persistent thrombocytopenia [AD Tuttle et al], 1306

#### Beagles

Age-related variations in hematologic and plasma biochemical test results in Beagles and Labrador Retrievers [E] Harper et al], 1436

#### Behavior

Evaluation of the role of lower urinary tract disease in cats with urine-marking behavior [VV Tynes et al], 457

Letter [B Stuart], 1112

Response [VV Tynes], 1112

Aggression in a dog with low serum thyroxine concentration [J Fatjo et al], 623

Fear and submissive urination in a dog [P Pryor], 790

Multifactorial aggression in a dog [P Pryor], 954

Urine marking and aggression in a cat [P Pryor], 1117

Development and validation of a questionnaire for measuring behavior and temperament traits in pet dogs [Y Hsu et al], 1293

#### Biologic Products

461, 998, 1319

#### Biopsy

Diagnostic quality of percutaneous kidney biopsy specimens obtained with laparoscopy versus ultrasound guidance in dogs [CA Rawlings et al], 317

#### Bites

Evaluation of risk factors for bite wounds inflicted on caregivers by dogs and cats in a veterinary teaching hospital [KJ Drobatz et al], 312

#### Blastomycosis

Diagnostic peritoneal lavage for identification of blastomycosis in a dog with peritoneal involvement [C Nielsen et al], 1623

#### Blood Pressure

Systolic blood pressure in cats with diabetes mellitus [KA Sennello et al], 198

#### Book Reviews: For Your Client's Library

Grieving the Death of a Pet, by Betty J Carmack [BB Welsch], 807

Jasper's Day, by Marjorie Blain Parker [SR Carpenter], 807

LapDog Therapy: My Journey from Companion Dog to Therapy Dog, by Mickey & Anne B Nock [L Goodloe], 807

Complete Guide to Lost Pet Prevention & Recovery, by Joseph Andrew Sapia & Patricia Sapia [R Lockwood], 808

Pills for Pets: The A to Z Guide to Drugs and Medications for Your Animal Companion, by Donald C Plumb [TK Graves], 1773

Angel By My Side: The True Story of a Dog Who Saved a Man...and a Man Who Saved a Dog, by Mike Lingenfelter and David Frei [L Miller], 1774

Healing Power of Pets, by Marty Becker [A Holter], 1774

#### Book Reviews: For Your Library

Exotic Pests & Diseases: Biology and Economics for Biosecurity, by Daniel Sumner [JC Wright], 796

Import Risk Analysis: Animal and Animal Products, by Noel Murray [WF Hall], 796

- Tending Animals in the Global Village—A Guide to International Veterinary Medicine, by David M Sherman [MA Memon], 796
- Borna Disease Virus and Its Role in Neurobehavioral Disease, by Kathryn M Carbone [M Palmarini], 797
- Foot and Mouth Disease: Facing the New Dilemmas, by GR Thomson [ME Hugh-Jones], 797
- Clinical Examination of Farm Animals, by Peter Jackson & Peter Cockcroft [DM Rings], 798
- Manual of Sheep Diseases (2nd ed), by JC Hindson & Agnes C Winter [LD Holler], 798
- Trends in Emerging Viral Infections of Swine, by Antonio Morilla, Kyoung-Jin Yoon, & Jeffrey J Zimmerman [J Christopher-Hennings], 798
- Guide to Plant Poisoning of Animals in North America, by Anthony P Knight & Richard G Walter [AM Craig], 799
- Mycotoxins: Risks in Plant, Animal, and Human Systems, by the Task Force on Mycotoxins of the Council for Agricultural Science and Technology [B Kemppainen], 799
- Diseases of Poultry (11th ed), by YM Saif [JE Sander], 800
- Modern Concepts of Immunology in Veterinary Medicine—Poultry Immunology (Advances in Medical and Veterinary Immunology), by Thankam Mathew [RB Cope], 800
- Pathology of Pet and Aviary Birds, by Robert E Schmidt, Drury R Reavill, & David N Phalen [H Steinberg], 800
- Birds of Prey: Health and Disease (3rd ed), by John E Cooper [AA Kocan], 801
- Hand-Rearing Wild and Domestic Mammals, by Laurie J Gage [U Bechert], 801
- Handbook of Wildlife Chemical Immobilization (International ed), by Terry J Kreeger, Jon M Arneson, & Jacobus P Raath [SB Citino], 802
- Veterinary Anesthesia and Pain Management Secrets, by Stephen A Greene [C Gunkel], 802
- Anatomy of the Dog: An Illustrated Text (4th ed), by Klaus-Dieter Budras, Wolfgang Fricke, Renate Richter, Rolf Berg, Aaron Horwitz, & Patrick McCarthy [KI Timm], 803
- Veterinary ICU Book, by Wayne E Wingfield & Marc R Raffe [FA Mann], 803
- Abdominal Radiology for the Small Animal Practitioner (Made Easy Series), by Judy A Hudson, William R Brawner, Jr, Merrilee Holland, & Margaret A Blaik [T Myabayashi], 804
- 5-Minute Veterinary Consult Clinical Companion: Small Animal Dermatology, by Karen Helton Rhodes [RA Kennis], 804
- Two Dimensional and M-Mode Echocardiography for the Small Animal Practitioner (Made Easy Series), by June A Boon [NK Harpster], 804
- Feline Oncology: A Comprehensive Guide to Compassionate Care, by Gregory K Ogilvie & Antony S Moore [M Hendrick], 805
- Ocular Tumors in Animals and Humans, by Robert L Peiffer & Kenneth B Simons [PA Gerding, Jr], 805
- Small Animal Ophthalmology Secrets, by Ronald C Riis [M Wyman], 805
- Veterinary Medicine and Practice 25 Years in the Future and the Economic Steps to Get There, by Thomas E Catanzaro & Terry H Hall [GS Martin], 806
- Crocodiles: Biology, Husbandry, and Diseases, by FW Huchermeyer [DR Brown], 1765
- Duncan and Prasse's Veterinary Laboratory Medicine: Clinical Pathology (4th edition), by Kenneth S Latimer, Edward A Mahaffey, and Keith W Prasse [RM Walton], 1765
- Fundamentals of Veterinary Clinical Pathology, by Steven L Stockham and Michael A Scott [KE Russell], 1766
- Guide to Hematology in Dogs and Cats, by Alan H Rebar, Peter S MacWilliams, Bernard F Feldman, Fred L Metzger, Roy VH Pollock, and John Roche [D Bellinger], 1766
- Veterinary Laboratory Medicine (2nd edition), by Morag G Kerr [CL Emerson], 1766
- Clinical Medicine of the Dog and Cat, by Michael Schaefer [SL Marks], 1767
- Genetics of the Dog, by A Ruvinsky and J Sampson [P Werner], 1767
- Practical Guide to Canine and Feline Neurology, by Curtis Dewey [J Speciale], 1767
- BSAVA Manual of Canine and Feline Behavioural Medicine, by Debra Horwitz, Daniels Mills, and Sarah Heath [S Line], 1768
- Cat: Its Behavior, Nutrition, & Health, by Linda P Case [KC Hayes], 1768
- Cattle Behaviour & Welfare (2nd edition), by Clive Phillips [SL Berry], 1769
- Ethology of Domestic Animals: An Introductory Text, by P Jensen [MS Landi], 1769
- Horse Behavior (2nd edition), by George H Waring [NK Diehl], 1769
- Equine Exercise Physiology, by David Marlin and Kathryn Nankervis [C Gillis], 1770
- Equine Locomotion, by Willem Back and Hilary Clayton [P Colahan], 1770
- Equine Reproductive Physiology, Breeding, and Stud Management (2nd edition), by MCG Davies Morel [L Metcalf], 1771
- Handbook of Evidence-Based Veterinary Medicine, by Peter D Cockcroft and Mark A Holmes [BW Keene], 1771
- McDonald's Veterinary Endocrinology and Reproduction (5th edition), by Mauricio H Pineda and Michael P Dooley [T Schermerhorn], 1771
- Valuing Animals: Veterinarians and Their Patients in Modern America, by Susan D Jones [MA Kram], 1772
- Veterinary Practice Management Secrets, by Thomas E Catanzaro and Philip Seibert, Jr [GG Ekdale], 1772
- Veterinary Drug Handbook (4th edition), by Donald C Plumb [L Freeman], 1773
- Books Received**  
808, 1760
- Borrelia spp**  
Lyme borreliosis [CL Fritz et al], 1261
- Bovine Leukemia Virus**  
Comparison of culling rates among dairy cows grouped on the basis of serologic status for bovine leukemia virus [JK Rhodes et al], 229  
Letter [FL Pollari et al], 946  
Response [JK Rhodes et al], 946  
Economic implications of bovine leukemia virus infection in mid-Atlantic dairy herds [JK Rhodes et al], 346
- Bovine Respiratory Disease Complex**  
Health performance of feeder calves sold at conventional auctions versus special auctions of vaccinated or conditioned calves in Ontario [JE Macartney et al], 677
- Bovine Viral Diarrhea Virus (BVDV)**  
Evaluation of bovine viral diarrhea virus in New World camelids [PA Wentz et al], 223
- Breeds**  
Association of breed with the diagnosis of congenital portosystemic shunts in dogs: 2,400 cases (1980–2002) [KM Tobias et al], 1636
- Bronchiectasis**  
Demographic, clinical, and radiographic features of bronchiectasis in dogs: 316 cases (1988–2000) [EC Hawkins et al], 1628
- Budgerigars**  
Assessment of plasma concentrations of doxycycline in budgerigars fed medicated seed or water [K Flammer et al], 993
- Bursa**  
Injection of corticosteroids, hyaluronate, and amikacin into the navicular bursa in horses with signs of navicular area pain unresponsive to other treatments: 25 cases (1999–2002) [RM Dabareiner et al], 1469
- C**
- Calcaneus**  
Fracture of the calcaneus in a dog [M Gillick et al], 439



## Camelids

- Evaluation of bovine viral diarrhoea virus in New World camelids [PA Wentz et al], 223
- Minimum alveolar concentration of sevoflurane in spontaneously breathing llamas and alpacas [TL Grubb et al], 1167
- Potential pathogens in feces from unweaned llamas and alpacas with diarrhoea [CK Cebra et al], 1806

## Campylobacter spp

- Human campylobacteriosis: a challenge for the veterinary profession [SF Altekruse et al], 445

## Candida spp

- Systemic candidiasis in a dog [JC Heseltine et al], 821
- Intravesicular administration of clotrimazole for treatment of candiduria in a cat with diabetes mellitus [J Toll et al], 1156

## Canine Distemper Virus

- Incidence of adverse events in ferrets vaccinated with distemper or rabies vaccine: 143 cases (1995–2001) [CB Greenacre], 663
- Letter [J Lincoln], 1112
- Response [CB Greenacre], 1112

## Carcass Disposal

- Waste management: equine carcass disposal [SRR Haskell et al], 48

## Carcinoma

- Acute severe hemorrhage secondary to arterial invasion in a dog with thyroid carcinoma [KA Slensky et al], 649
- Carcinoma of the apocrine glands of the anal sac in dogs: 113 cases (1985–1995) [LE Williams et al], 825

## Cardiomyopathy

- Taurine deficiency in dogs with dilated cardiomyopathy: 12 cases (1997–2001) [AJ Fascetti et al], 1137
- Letter [S Machlik], 1565

## Cardiovascular System

- Cor triatriatum dexter in a dog [DE Hoffmann et al], 951
- Letter [HE Childers], 1565
- Taurine deficiency in dogs with dilated cardiomyopathy: 12 cases (1997–2001) [AJ Fascetti et al], 1137
- Letter [S Machlik], 1565
- Risk factors for atrial fibrillation during racing in slow-finishing horses [H Ohmura et al], 84
- Systolic blood pressure in cats with diabetes mellitus [KA Sennello et al], 198
- Spontaneous resolution of an isolated ventricular septal defect in a dog [WP Rausch et al], 219
- Use of a self-expanding occluding stent for nonsurgical closure of patent ductus arteriosus in dogs [DS Sisson], 999
- Familial aortic aneurysm in Leonberg dogs [V Chetboul et al], 1159
- Evaluation of cardiac function in active and hibernating grizzly bears [OL Nelson et al], 1170
- Evaluation of dietary patterns in dogs with cardiac disease [LM Freeman et al], 1301
- Atrioventricular block in a dog [AB Saunders et al], 1572
- Association of breed with the diagnosis of congenital portosystemic shunts in dogs: 2,400 cases (1980–2002) [KM Tobias et al], 1636
- Atrioventricular block in a dog [AG Voet et al], 1734

## Careers

- Personal characteristics, knowledge of the veterinary profession, and influences on career choice among students in the veterinary school applicant pool [DR Ilgen et al], 1587

## Carprofen

- Effects of postoperative administration of ketoprofen or carprofen on short- and long-term results of femoral head and neck excision in dogs [E Grisneaux et al], 1006

## Caterpillars

- Case-control study of factors associated with fibrinous pericarditis among horses in central Kentucky during spring 2001 [JL Seahorn et al], 832

## Catheters

- Medical management of urethral and colonic perforation associated with urinary catheterization in a kitten [JC Whittemore], 815

## Cerclage

- Use of a dynamic compression plate and a cable cerclage system for repair of a fracture of the radius in a horse [DM Bolt et al], 89

## Chemotherapeutics

- Increased toxicity of P-glycoprotein-substrate chemotherapeutic agents in a dog with the MDRI deletion mutation associated with ivermectin sensitivity [KL Mealey et al], 1453

## Chlamydomphila spp

- Assessment of plasma concentrations of doxycycline in budgerigars fed medicated seed or water [K Flammer et al], 993

## Claws

- Ultrasound measurement of sole horn thickness in trimmed claws of dairy cows [SR van Amstel et al], 492

## Clinical Pathology

- Clinicopathologic and radiographic features and etiologic agents in cats with histologically confirmed infectious pneumonia: 39 cases (1991–2000) [ES Macdonald et al], 1142
- Age-related variations in hematologic and plasma biochemical test results in Beagles and Labrador Retrievers [EJ Harper et al], 1436

## Clotrimazole

- Intravesicular administration of clotrimazole for treatment of candiduria in a cat with diabetes mellitus [J Toll et al], 1156

## Colon

- Surgical treatment of noncommunicating duplication of the colon in a dog [EG Arthur et al], 210
- Medical management of urethral and colonic perforation associated with urinary catheterization in a kitten [JC Whittemore], 815

## Commentary

- A world of hurts—is pain special? [FD McMillan], 183
- Surveillance for detection of foot-and-mouth disease [TW Bates et al], 609
- An appeal for better automated medical records [DC Crowe], 1566

## Corrections

- Evaluation of cat and owner characteristics and their relationships to outdoor access of owned cats [JAVMA, 2003;222:1541], 72
- Evaluation of urine sulfated and nonsulfated bile acids as a diagnostic test for liver disease in dogs [JAVMA, 2003;222:1368], 339
- Cryptococcosis of the central nervous system in a dog [JAVMA, 2003;222:1722], 653
- Evaluation of white blood cell concentration, plasma fibrinogen concentration, and an agar gel immunodiffusion test for early identification of foals with *Rhodococcus equi* pneumonia [JAVMA, 2003;222:775], 1300

## Corticosteroids

- Injection of corticosteroids, hyaluronate, and amikacin into the navicular bursa in horses with signs of navicular area pain unresponsive to other treatments: 25 cases (1999–2002) [RM Dabareiner et al], 1469

## Cranioplasty

- Cranioplasty by means of molded polymethylmethacrylate prosthetic reconstruction after radical excision of neoplasms of the skull in two dogs [KJ Bryant et al], 67



### *Cryptosporidium* spp

Prophylactic use of decoquinate for infections with *Cryptosporidium parvum* in experimentally challenged neonatal calves [DA Moore et al], 839

### Culling

Comparison of culling rates among dairy cows grouped on the basis of serologic status for bovine leukemia virus [JK Rhodes et al], 229

Letter [FL Pollari et al], 946

Response [JK Rhodes et al], 946

### Cyclosporine A

Psoriasiform-lichenoid-like dermatosis in three dogs treated with microemulsified cyclosporine A [AH Werner], 1013

### Cystoscopy

Evaluation of transurethral cystoscopy and excretory urography for diagnosis of ectopic ureters in female dogs: 25 cases (1992–2000) [KL Cannizzo et al], 475

### Cystostomy

Clinical use of low-profile cystostomy tubes in four dogs and a cat [KS Stiffler et al], 325

### Cysts

Abdominal cyst in a cat [SD Goett], 191

Intralesional administration of formalin for treatment of epidermal inclusion cysts in five horses [RL Frankeny], 221

## D

### Databases

Evaluation of the advisory services provided by the Food Animal Residue Avoidance Databank [J Wang et al], 1596

### Decoquinate

Prophylactic use of decoquinate for infections with *Cryptosporidium parvum* in experimentally challenged neonatal calves [DA Moore et al], 839

### Dentistry

Effect of dental floating on the rostrocaudal mobility of the mandible of horses [JL Carmalt et al], 666

### Dermatology

Immunotherapy for treatment of multicentric cutaneous pythiosis in a dog [P Hensel et al], 215

Intralesional administration of formalin for treatment of epidermal inclusion cysts in five horses [RL Frankeny], 221

Efficacy and safety of topical administration of selamectin for treatment of ear mite infestation in rabbits [TL McTier et al], 322

Efficacy of selamectin in the treatment and control of clinical signs of flea allergy dermatitis in dogs and cats experimentally infested with fleas [SK Dickin et al], 639

Psoriasiform-lichenoid-like dermatosis in three dogs treated with microemulsified cyclosporine A [AH Werner], 1013

Dexamethasone for treatment of multisystemic eosinophilic epitheliotropic disease in a horse [ME McCue et al], 1320

Dermatophytosis in three colony-born spotted hyenas [NE Hahn et al], 1809

### Dexamethasone

Dexamethasone for treatment of multisystemic eosinophilic epitheliotropic disease in a horse [ME McCue et al], 1320

### Diabetes Mellitus

Systolic blood pressure in cats with diabetes mellitus [KA Sennello et al], 198

Evaluation of a continuous glucose monitoring system for use in dogs, cats, and horses [CE Wiedmeyer et al], 987

Intravesicular administration of clotrimazole for treatment of candiduria in a cat with diabetes mellitus [J Toll et al], 1156

### Diarrhea

Prevalence of lameness among dairy cattle in Wisconsin as a function of housing type and stall surface [NB Cook], 1324

Evaluation of flunixin meglumine as an adjunct treatment for diarrhea in dairy calves [SC Barnett et al], 1329

Potential pathogens in feces from unweaned llamas and alpacas with diarrhea [CK Cebra et al], 1806

### Diet

Taurine deficiency in dogs with dilated cardiomyopathy: 12 cases (1997–2001) [AJ Fascetti et al], 1137

Letter [S Machlik], 1565

Taurine deficiency in Newfoundlands fed commercially available complete and balanced diets [RC Backus et al], 1130

Evaluation of dietary patterns in dogs with cardiac disease [LM Freeman et al], 1301

### Digestive System

Use of an esophagram to detect obstruction of the esophagus in a puppy [AG Burgos-Rodriguez], 43

Risk factors for leakage following intestinal anastomosis in dogs and cats: 115 cases (1991–2000) [SC Ralphs et al], 73

Ultrasonographic detection of ingested and perforating wooden foreign bodies in four dogs [D Penninck et al], 206

Surgical treatment of noncommunicating duplication of the colon in a dog [EG Arthur et al], 210

Odds of moderate or severe gastric ulceration in racehorses receiving antiulcer medications [JA Orsini et al], 336

Human campylobacteriosis: a challenge for the veterinary profession [SF Altekruse et al], 445

Pneumoperitoneum in dogs and cats: 39 cases (1983–2002) [WB Saunders et al], 462

Clinical differentiation of acute necrotizing from chronic nonsuppurative pancreatitis in cats: 63 cases (1996–2001) [JA Ferreri et al], 469

Identification of foals infected with *Parascaris equorum* apparently resistant to ivermectin [FPD Hearn et al], 482

Evaluation of prevalence and clinical implications of anthelmintic resistance in gastrointestinal nematodes in goats [LL Mortensen et al], 495

Intestinal adenocarcinoma and trichobezoars in a cat [CH Gardner et al], 783

Carcinoma of the apocrine glands of the anal sac in dogs: 113 cases (1985–1995) [LE Williams et al], 825

Prophylactic use of decoquinate for infections with *Cryptosporidium parvum* in experimentally challenged neonatal calves [DA Moore et al], 839

Esophageal obstruction by a trichobezoar in a cat [KM Agnello et al], 1115

Prevalence of lameness among dairy cattle in Wisconsin as a function of housing type and stall surface [NB Cook], 1324

Evaluation of flunixin meglumine as an adjunct treatment for diarrhea in dairy calves [SC Barnett et al], 1329

Complete ventral ankyloglossia in three related dogs [MD Temizsoylu et al], 1443

Surgical management of cricopharyngeal dysphagia in dogs: 14 cases (1989–2001) [JJ Warnock et al], 1462

Duodenal obstruction caused by malposition of the gallbladder in a heifer [D Boerboom et al], 1475

Potential pathogens in feces from unweaned llamas and alpacas with diarrhea [CK Cebra et al], 1806

### *Dirofilaria immitis*

Neurologic complications after melarsomine dihydrochloride treatment for *Dirofilaria immitis* in three dogs [BF Hettlich et al], 1456

### Doxycycline

Assessment of plasma concentrations of doxycycline in budgerigars fed medicated seed or water [K Flammer et al], 993

### Drugs

Waste management: expired drugs [SRR Haskell et al], 51

Update on FARAD food animal drug withholding recommendations [SRR Haskell et al], 1277

### Dysphagia

Surgical management of cricopharyngeal dysphagia in dogs: 14 cases (1989–2001) [JJ Warnock et al], 1462

## E

### ECG of the Month

Atrioventricular block in a dog [AB Saunders et al], 1572

Atrioventricular block in a dog [AG Voet et al], 1734

### Echocardiography

Spontaneous resolution of an isolated ventricular septal defect in a dog [WP Rausch et al], 219

### Economics

Revenues, expenses, and returns on resources for private veterinary practices in the United States, 1999 and 2001 [JK Wise et al], 193

Reversing the downward trend [HE Rubin], 306

Economic implications of bovine leukemia virus infection in mid-Atlantic dairy herds [JK Rhodes et al], 346

Veterinary practice expenses and financial ratios, 2001 [JK Wise et al], 442

Comparison of prices paid for feeder calves sold at conventional auctions versus special auctions of vaccinated or conditioned calves in Ontario [JE Macartney et al], 670

Economic consequences of control programs for paratuberculosis in midsize dairy farms in the United States [H Groenendaal et al], 1757

### Educational Opportunities

110, 240, 365, 516, 698, 868, 1041, 1185, 1344, 1488, 1657, 1819

### Ehrlichia spp

Ehrlichiosis and related infections [JH McQuiston et al], 1750

### Electrocardiography

Atrioventricular block in a dog [AB Saunders et al], 1572

Atrioventricular block in a dog [AG Voet et al], 1734

### Elk

*Babesia odocoilei* infection in elk [LL Galletin et al], 1027

### Endocrinology

Systolic blood pressure in cats with diabetes mellitus [KA Sennello et al], 198

Thyroid function in mature horses ingesting endophyte-infected fescue seed [BA Breuhaus], 340

Aggression in a dog with low serum thyroxine concentration [J Fatjo et al], 623

Percutaneous ultrasound-guided radiofrequency heat ablation for treatment of hyperthyroidism in cats [KF Mallory et al], 1602

### Endophyte

Thyroid function in mature horses ingesting endophyte-infected fescue seed [BA Breuhaus], 340

### Eosinophils

Dexamethasone for treatment of multisystemic eosinophilic epitheliotropic disease in a horse [ME McCue et al], 1320

### Epidemiology

Comparison of culling rates among dairy cows grouped on the basis of serologic status for bovine leukemia virus [JK Rhodes et al], 229

Letter [FL Pollari et al], 946

Response [JK Rhodes et al], 946

Demographic and clinical characteristics of geriatric horses: 467 cases (1989–1999) [MM Brosnahan et al], 93

Assessment of clinical characteristics, management practices, and activities of geriatric horses [MM Brosnahan et al], 99

Number of unowned free-roaming cats in a college community in

the southern United States and characteristics of community residents who feed them [JK Levy et al], 202

Odds of moderate or severe gastric ulceration in racehorses receiving antiulcer medications [JA Orsini et al], 336

Surveillance for detection of foot-and-mouth disease [TW Bates et al], 609

Epidemiologic study of intramammary infections with *Staphylococcus aureus* during a control program in nine commercial dairy herds [A Zecconi et al], 684

Case-control study of factors associated with fibrinous pericarditis among horses in central Kentucky during spring 2001 [JL Seahorn et al], 832

Demographic, clinical, and radiographic features of bronchiectasis in dogs: 316 cases (1988–2000) [EC Hawkins et al], 1628

### Epithelium

Dexamethasone for treatment of multisystemic eosinophilic epitheliotropic disease in a horse [ME McCue et al], 1320

### Esophagus

Use of an esophagram to detect obstruction of the esophagus in a puppy [AG Burgos-Rodriguez], 43

Use of a supraplastron approach to the coelomic cavity for repair of an esophageal tear in a loggerhead sea turtle [GH Jaeger et al], 353

Esophageal obstruction by a trichobezoar in a cat [KM Agnello et al], 1115

### Estradiol Cypionate

Evaluation of effect of estradiol cypionate administered prophylactically to postparturient dairy cows at high risk for metritis [MW Overton et al], 846

### Examinations

108, 238, 361, 514, 695, 867, 103, 1183, 1342, 1485, 1655, 1817

### Exercise Physiology

Interactions of substrate availability, exercise performance, and nutrition with muscle glycogen metabolism in horses [VA Lacombe et al], 1576

## F

### Facet Joints

Diagnosis and treatment of arthrosis of cervical articular facet joints in Scottish Deerhounds: 9 cases (1998–2002) [S Kinzel et al], 1311

### Facts & Figures

Revenues, expenses, and returns on resources for private veterinary practices in the United States, 1999 and 2001 [JK Wise et al], 193

Veterinary practice expenses and financial ratios, 2001 [JK Wise et al], 442

Size and organization of private veterinary practices, 2001 [JK Wise et al], 793

### FARAD Digest

Update on FARAD food animal drug withholding recommendations [SRR Haskell et al], 1277

Evaluation of the advisory services provided by the Food Animal Residue Avoidance Databank [J Wang et al], 1596

### Fear

Fear and submissive urination in a dog [P Pryor], 790

### Feces

Potential pathogens in feces from unweaned llamas and alpacas with diarrhea [CK Cebra et al], 1806

### Feeder Calves

Comparison of prices paid for feeder calves sold at conventional auctions versus special auctions of vaccinated or conditioned calves in Ontario [JE Macartney et al], 670

**Health performance of feeder calves sold at conventional auctions versus special auctions of vaccinated or conditioned calves in Ontario** [JE Macartney et al], 677

#### **Femur**

Effects of postoperative administration of ketoprofen or carprofen on short- and long-term results of femoral head and neck excision in dogs [E Grisneaux et al], 1006  
Histiocytic sarcoma in the femur in a cat [BR Austin et al], 1569

#### **Fentanyl**

Use of a combination of propofol and fentanyl, alfentanil, or sufentanil for total intravenous anesthesia in cats [GM Mendes et al], 1608

#### **Feral Animals**

Number of unowned free-roaming cats in a college community in the southern United States and characteristics of community residents who feed them [JK Levy et al], 202

#### **Ferrets**

Incidence of adverse events in ferrets vaccinated with distemper or rabies vaccine: 143 cases (1995–2001) [CB Greenacre], 663  
Letter [J Lincoln], 1112  
Response [CB Greenacre], 1112

#### **Fertility**

Milk, plasma, and blood urea nitrogen concentrations, dietary protein, and fertility in dairy cattle [P Melendez et al], 628

#### **Fescue**

Thyroid function in mature horses ingesting endophyte-infected fescue seed [BA Breuhaus], 340

#### **Fetus**

Use of fetal skeletal mineralization for prediction of parturition date in cats [DR Haney et al], 1614

#### **Fibrillation**

Risk factors for atrial fibrillation during racing in slow-finishing horses [H Ohmura et al], 84

#### **Fleas**

Efficacy of selamectin in the treatment and control of clinical signs of flea allergy dermatitis in dogs and cats experimentally infested with fleas [SK Dickin et al], 639

#### **Floating**

Effect of dental floating on the rostrocaudal mobility of the mandible of horses [JL Carmalt et al], 666

#### **Flunixin**

Update on FARAD food animal drug withholding recommendations [SRR Haskell et al], 1277  
Prevalence of lameness among dairy cattle in Wisconsin as a function of housing type and stall surface [NB Cook], 1324  
Evaluation of flunixin meglumine as an adjunct treatment for diarrhea in dairy calves [SC Barnett et al], 1329

#### **Food Animal Economics**

Economic consequences of control programs for paratuberculosis in midsize dairy farms in the United States [H Groenendaal et al], 1757

#### **Food Animal Residue Avoidance Databank (FARAD)**

Evaluation of the advisory services provided by the Food Animal Residue Avoidance Databank [J Wang et al], 1596

#### **Foot-and-Mouth Disease (FMD)**

Surveillance for detection of foot-and-mouth disease [TW Bates et al], 609

#### **Foreign Bodies**

Ultrasonographic detection of ingested and perforating wooden foreign bodies in four dogs [D Penninck et al], 206

#### **Formalin**

Intralesional administration of formalin for treatment of epidermal inclusion cysts in five horses [RL Frankenyl], 221

#### **Fractures**

Use of a dynamic compression plate and a cable cerclage system for repair of a fracture of the radius in a horse [DM Bolt et al], 89  
Use of a plate-rod construct and principles of biological osteosynthesis for repair of diaphyseal fractures in dogs and cats: 47 cases (1994–2001) [MR Reems et al], 330

#### **Fungi**

Systemic candidiasis in a dog [JC Heseltine et al], 821

### **G**

#### **Gallbladder**

Duodenal obstruction caused by malposition of the gallbladder in a heifer [D Boerboom et al], 1475

#### **Genetics**

Increased toxicity of P-glycoprotein-substrate chemotherapeutic agents in a dog with the MDR1 deletion mutation associated with ivermectin sensitivity [KL Mealey et al], 1453

#### **Gerontology**

Demographic and clinical characteristics of geriatric horses: 467 cases (1989–1999) [MM Brosnahan et al], 93  
Assessment of clinical characteristics, management practices, and activities of geriatric horses [MM Brosnahan et al], 99

#### **Glomerulus**

Glomerulocystic kidney disease in a kitten [KR Harkin et al], 1780

#### **Glucose**

Evaluation of a continuous glucose monitoring system for use in dogs, cats, and horses [CE Wiedmeyer et al], 987

#### **Glycogen**

Interactions of substrate availability, exercise performance, and nutrition with muscle glycogen metabolism in horses [VA Lacombe et al], 1576

#### **Gonadectomy**

Evaluation of the role of lower urinary tract disease in cats with urine-marking behavior [VV Tynes et al], 457  
Letter [B Stuart], 1112  
Response [VV Tynes], 1112

#### **Granuloma**

Intrapelvic granuloma formation six years after total hip arthroplasty in a dog [CB Freeman et al], 1446

#### **Grizzly Bears**

Evaluation of cardiac function in active and hibernating grizzly bears [OL Nelson et al], 1170

### **H**

#### **Heart**

Cor triatriatum dexter in a dog [DE Hoffmann et al], 951  
Letter [HE Childers], 1565  
Risk factors for atrial fibrillation during racing in slow-finishing horses [H Ohmura et al], 84  
Spontaneous resolution of an isolated ventricular septal defect in a dog [WP Rausch et al], 219  
Evaluation of cardiac function in active and hibernating grizzly bears [OL Nelson et al], 1170  
Atrioventricular block in a dog [AB Saunders et al], 1572

## Heartworms

Neurologic complications after melarsomine dihydrochloride treatment for *Dirofilaria immitis* in three dogs [BF Hettlich et al], 1456

## Hematopoietic System

Accuracy and precision of a point-of-care hemoglobinometer for measuring hemoglobin concentration and estimating packed cell volume in horses [H Chevalier et al], 78

*Babesia odocoilei* infection in elk [LL Galletin et al], 1027

Concurrent bartonellosis and babesiosis in a dog with persistent thrombocytopenia [AD Tuttle et al], 1306

## Hemoglobinometer

Accuracy and precision of a point-of-care hemoglobinometer for measuring hemoglobin concentration and estimating packed cell volume in horses [H Chevalier et al], 78

## Hemorrhage

Acute severe hemorrhage secondary to arterial invasion in a dog with thyroid carcinoma [KA Slensky et al], 649

## Hibernation

Evaluation of cardiac function in active and hibernating grizzly bears [OL Nelson et al], 1170

## Hip Joint

Intrapelvic granuloma formation six years after total hip arthroplasty in a dog [CB Freeman et al], 1446

## Histamine

Odds of moderate or severe gastric ulceration in racehorses receiving antiulcer medications [JA Orsini et al], 336

## Holoprosencephaly

Lobar holoprosencephaly in a Miniature Schnauzer with hypodipsic hyponatremia [SA Sullivan et al], 1783

## Hospitals

Detection of *Salmonella* organisms and assessment of a protocol for removal of contamination in horse stalls at a veterinary teaching hospital [CA Alinovi et al], 1640

## Hotlines Every Veterinarian Should Know

363, 508, 1046, 1762

## Housing

Comparison of injuries in sows housed in gestation stalls versus group pens with electronic sow feeders [L Anil et al], 1334

## Hyaluronate

Injection of corticosteroids, hyaluronate, and amikacin into the navicular bursa in horses with signs of navicular area pain unresponsive to other treatments: 25 cases (1999–2002) [RM Dabareiner et al], 1469

## Hyenas

Dermatophytosis in three colony-born spotted hyenas [NE Hahn et al], 1809

## Hyponatremia

Lobar holoprosencephaly in a Miniature Schnauzer with hypodipsic hyponatremia [SA Sullivan et al], 1783

## Hyperthyroidism

Percutaneous ultrasound-guided radiofrequency heat ablation for treatment of hyperthyroidism in cats [KF Mallery et al], 1602

## Hypoglycemia

Hypoglycemia and irreversible neurologic complications in a cat with insulinoma [AC Kraje], 812

## I

### Identification

Evaluation of microchip migration in horses, donkeys, and mules [FJ Stein et al], 1316

### Immunoglobulin

Unusual IgM-secreting multiple myeloma in a dog [SJ Lautzenhiser et al], 645

### Immunology

Immunotherapy for treatment of multicentric cutaneous pythiosis in a dog [P Hensel et al], 215

Unusual IgM-secreting multiple myeloma in a dog [SJ Lautzenhiser et al], 645

### Informatics

Usefulness, completeness, and accuracy of Web sites providing information on osteoarthritis in dogs [CT Jehn et al], 1272

An appeal for better automated medical records [DC Crowe], 1566

### Injuries

Comparison of injuries in sows housed in gestation stalls versus group pens with electronic sow feeders [L Anil et al], 1334

### Insulinoma

Hypoglycemia and irreversible neurologic complications in a cat with insulinoma [AC Kraje], 812

### Integumentary System

Immunotherapy for treatment of multicentric cutaneous pythiosis in a dog [P Hensel et al], 215

Intralesional administration of formalin for treatment of epidermal inclusion cysts in five horses [RL Frankeny], 221

Efficacy and safety of topical administration of selamectin for treatment of ear mite infestation in rabbits [TL McTier et al], 322

Ultrasound measurement of sole horn thickness in trimmed claws of dairy cows [SR van Amstel et al], 492

Efficacy of selamectin in the treatment and control of clinical signs of flea allergy dermatitis in dogs and cats experimentally infested with fleas [SK Dickin et al], 639

Dexamethasone for treatment of multisystemic eosinophilic epitheliotropic disease in a horse [ME McCue et al], 1320

### Intestine

Risk factors for leakage following intestinal anastomosis in dogs and cats: 115 cases (1991–2000) [SC Ralphs et al], 73

### Ivermectin

Identification of foals infected with *Parascaris equorum* apparently resistant to ivermectin [FPD Hearn et al], 482

Increased toxicity of P-glycoprotein-substrate chemotherapeutic agents in a dog with the MDR1 deletion mutation associated with ivermectin sensitivity [KL Mealey et al], 1453

## J

### Joints

Diagnosis and treatment of arthrosis of cervical articular facet joints in Scottish Deerhounds: 9 cases (1998–2002) [S Kinzel et al], 1311

Intrapelvic granuloma formation six years after total hip arthroplasty in a dog [CB Freeman et al], 1446

Use of a three-drill-tract technique for arthrodesis of the distal tarsal joints in horses with distal tarsal osteoarthritis: 54 cases (1990–1999) [JE Dechant et al], 1800

*Journal of the American Veterinary Medical Association (JAVMA) - Instructions for Authors*, 222

## K

### Ketoprofen

Effects of postoperative administration of ketoprofen or carprofen

on short- and long-term results of femoral head and neck excision in dogs [E Grisneaux et al], 1006

## Kidneys

Diagnostic quality of percutaneous kidney biopsy specimens obtained with laparoscopy versus ultrasound guidance in dogs [CA Rawlings et al], 317

Glomerulocystic kidney disease in a kitten [KR Harkin et al], 1780

## L

### Labrador Retrievers

Age-related variations in hematologic and plasma biochemical test results in Beagles and Labrador Retrievers [E Harper et al], 1436

### Lagomorphs

Outbreak of rabbit hemorrhagic disease in domestic lagomorphs [ER Campagnolo et al], 1151

### Lameness

Osteomyelitis secondary to trauma involving the proximal end of the radius in horses: five cases (1987–2001) [EL Swinebroad et al], 486

Prevalence of lameness among dairy cattle in Wisconsin as a function of housing type and stall surface [NB Cook], 1324

Injection of corticosteroids, hyaluronate, and amikacin into the navicular bursa in horses with signs of navicular area pain unresponsive to other treatments: 25 cases (1999–2002) [RM Dabareiner et al], 1469

### Laparoscopy

Diagnostic quality of percutaneous kidney biopsy specimens obtained with laparoscopy versus ultrasound guidance in dogs [CA Rawlings et al], 317

### Lavage

Diagnostic peritoneal lavage for identification of blastomycosis in a dog with peritoneal involvement [C Nielsen et al], 1623

### Leiomyosarcoma

Leiomyosarcoma of the uterus in a mare [AM Hinojosa et al], 786

Multicentric leiomyosarcoma in a young male horse [KC MacGillivray et al], 1017

### Leonberg Dogs

Familial aortic aneurysm in Leonberg dogs [V Chetboul et al], 1159

### Letters to the Editor

Additional comments on personality testing issue (JAVMA, 2003;223:437) [KB Haas], 1109

Additional input on feral cat debate (JAVMA, 2003;223:1255) [JM Sleeman], 1730

Response [R Wulff], 1730

Another interpretation of ferret's reaction to vaccination [J Lincoln], 1112

Response [CB Greenacre], 1112

Believes purpose of Zoonosis Update article unclear (JAVMA, 2003;223:445) [RA Carnevale], 1252

Response [SF Altekruze et al], 1253

Believes WYD article contains discrepancies (JAVMA, 2003;222:1359) [C Adams], 179

Response [L De Risio et al], 180

Bile acids diagnostic test believed to contain limitations (JAVMA, 2003;222:1368) [JM Steiner et al], 429

Response [SA Center et al], 430

Cat declawing controversy continues (JAVMA, 2003;222:1504) [JS Renschler], 180

Response [SG Renard], 180

CAVM Commentary draws negative reactions (JAVMA, 2003;222:1679)

[BP Tangredi], 432

[SG Wynn], 434

Response [DW Ramey], 436

Comments on comparison of culling rates among cows (JAVMA, 2003;223:229) [FL Pollari et al], 946

Response [JK Rhodes et al], 946

Confused by precautionary principle (JAVMA, 2003;223:947) [E Gonder], 1416

Response [MW Fox], 1416

Continued debate on admission policies (JAVMA, 2003;222:1676) [A Veitch], 299

Response [R Beck], 299

Differing opinions on regulating CAVM standards (JAVMA, 2003;222:1679)

Letter [EA Leonard], 300

Letter [K Nielsen], 300

Response [DW Ramey], 300

Feedback on CAVM concludes (JAVMA, 2003;222:1679)

Letter [AC Hermans], 602

Letter [A Young], 599

Letter [BH Brooks], 600

Letter [JK Herman], 604

Letter [JS Obando], 604

Letter [L Pesch], 604

Letter [M Ward], 602

Letter [SR Epstein], 600

Response [DW Ramey], 606

Feedback on Consumer Reports, AVMA response [AJ Koltveit], 438

Letter [AD Fox], 948

Response [AJ Koltveit], 948

Finds fault with implications of PCR assay conclusions (JAVMA, 2003;222:1224) [CA Bolin], 178

Response [KR Harkin], 179

Found thread in unrelated letters (JAVMA, 2003;223:432) [MW Fox], 947

Letter [E Gonder], 1416

Response [MW Fox], 1416

More feedback on taurine deficiencies in cats, dogs (JAVMA, 2003;223:1130) [HE Childers], 1729

Response [RC Backus et al], 1729

More on animal-friendly farming (JAVMA, 2003;222:1504) [S Heerens], 298

Response [P Henderson], 298

Opinion offered on seeking personhood for animals (JAVMA, 2003;223:795) [S Heerens], 1256

Opposes AVMA position on gestation stalls, forced molting (JAVMA, 2003;223:759) [B Chorush], 1564

Response [BT Bennett], 1564

Personality test believed to be a mistake (JAVMA, 2003;222:1690) [JR Jetton], 437

Letter [KB Haas], 1109

Question about reducing anthelmintic resistance (JAVMA, 2003;223:495) [S Kross], 1254

Response [RM Kaplan], 1254

Questions the lack of pain management in large animal practices (JAVMA, 2003;222:1697) [AC Ferrante], 437

Letter [JD Spence], 947

Letter [W Whitehorn], 948

Questions vaccination protocols [M Dym], 1417

Recognizing signs of pain (JAVMA, 2003;222:1505) [AZ Karas], 299

Response [W Tranquilli et al], 299

Sees positive effects of food animal production (JAVMA, 2003;223:437) [D Hoffman], 1252

A shared thought on animal health [SJ Roberts], 1112

Thinks veterinarians should take bigger role in reestablishing healthy living [RG McCrory], 1256

TNR debates still active (JAVMA, 2003;223:607) [DA Jessup et al], 1254

Response [R Wulff], 1255

USDA comments on efficacy requirements for veterinary vaccines (JAVMA, 2003;222:1481) [RE Hill, Jr et al], 430

Response [D Brian], 432

Wants mention of diets fed to cats with lower urinary tract disease (JAVMA, 2003;223:457) [B Stuart], 1112

Response [VV Tynes], 1112

Wishes AVMA included rats, mice in protection regulations (JAVMA, 2003;222:1505) [C Spiegel], 181

Response [DR Gross], 181



Zoonosis update on campylobacteriosis stirs debate (JAVMA, 2003;223:445)  
 Letter [DD Copeland], 1110  
 Letter [SM Russell], 1111  
 Response [SF Altekuse et al], 1111  
 Applauds WYD article (JAVMA, 2003;223:951) [HE Childers], DEC 1 letter to the editor 2  
 Believes cat declawing ban silly, poorly thought out (JAVMA, 2003;222:1187) [JS Parker], 40  
 Response [J Conrad], 41  
 Debate on equivalence testing continues (JAVMA, 2003;222:1206) [P Wetzel], 41  
 Response [D Kronfeld], 41  
 Request for more information on veterinary war efforts (JAVMA, 2003;222:1323) [S Koshi], 41  
 Defending criticized veterinarian (JAVMA, 2003;222:1348) [DK Allen], 42  
 Requests review of AVMA resolution on gestation crates [BK Forsythe], 42  
 Letter [DL Davidson], 780, 42  
 Wants to clear up Internet misinformation regarding aspartame [M Carakostas], 301  
 Some thoughts on FMD vaccine, outbreaks (JAVMA, 2003;223:11) [SB Gerhart], 437  
 Concerned by tone of JAVMA readers' responses [TA Conway], 607  
 Free-roaming cats becoming bigger issue (JAVMA, 2003;223:202) [R Wulff], 607  
 Comments on sow welfare during gestation (JAVMA, 2003;223:42) [DL Davidson], 780  
 Applauds Merial for addressing zoonoses (JAVMA, 2003;223:inside cover) [SL Diesch], 781  
 Circulating awareness of adverse effects of propofol [MP Belanger et al], 781  
 JAVMA News article disappoints reader (JAVMA, 2003;223:287) [SW Ostrich], 781  
 Thoughts on globalization of human-animal bond [JM Harris], 782  
 Believe epidemiology key to vaccination protocols [JE Prier et al], 949  
 Pet food manufacturer comments on taurine in diets (JAVMA, 2003;223:1137) [S Machlik], 1565

#### Lymphatic/Immune System

Unusual IgM-secreting multiple myeloma in a dog [SJ Lautzenhisser et al], 645

### M

#### Magnetic Resonance Imaging

Comparison of the retrobulbar and Peterson nerve block techniques via magnetic resonance imaging in bovine cadavers [SG Pearce et al], 852

#### Mammary Glands

Epidemiologic study of intramammary infections with *Staphylococcus aureus* during a control program in nine commercial dairy herds [A Zecconi et al], 684

#### Mandible

Effect of dental floating on the rostrocaudal mobility of the mandible of horses [JL Carmalt et al], 666

#### Mare Reproductive Loss Syndrome

Case-control study of factors associated with fibrinous pericarditis among horses in central Kentucky during spring 2001 [JL Seahorn et al], 832

#### Mastitis

Epidemiologic study of intramammary infections with *Staphylococcus aureus* during a control program in nine commercial dairy herds [A Zecconi et al], 684

Patterns of mycoplasma shedding in the milk of dairy cows with intramammary mycoplasma infection [MK Biddle et al], 1163

#### Medical Records

An appeal for better automated medical records [DC Crowe], 1566

#### Meetings and CE Offerings

104, 234, 357, 509, 690, 864, 1034, 1179, 1339, 1481, 1652, 1814

#### Metritis

Evaluation of effect of estradiol cypionate administered prophylactically to postparturient dairy cows at high risk for metritis [MW Overton et al], 846

#### Microchips

Evaluation of microchip migration in horses, donkeys, and mules [FJ Stein et al], 1316

#### Milk

Patterns of mycoplasma shedding in the milk of dairy cows with intramammary mycoplasma infection [MK Biddle et al], 1163

#### Milk-handling Facilities

Waste management: milk-handling facilities [SRR Haskell et al], 50

#### Miniature Schnauzers

Lobar holoprosencephaly in a Miniature Schnauzer with hypodipsic hyponatremia [SA Sullivan et al], 1783

#### Mites

Efficacy and safety of topical administration of selamectin for treatment of ear mite infestation in rabbits [TL McTier et al], 322

#### Musculoskeletal System

Cranioplasty by means of molded polymethylmethacrylate prosthetic reconstruction after radical excision of neoplasms of the skull in two dogs [KJ Bryant et al], 67

Use of a dynamic compression plate and a cable cerclage system for repair of a fracture of the radius in a horse [DM Bolt et al], 89

Fracture of the greater trochanter of the femur in a cat [M Gillick], 303

Use of a plate-rod construct and principles of biological osteosynthesis for repair of diaphyseal fractures in dogs and cats: 47 cases (1994–2001) [MR Reems et al], 330

Fracture of the calcaneus in a dog [M Gillick et al], 439

Osteomyelitis secondary to trauma involving the proximal end of the radius in horses: five cases (1987–2001) [EL Swinebroad et al], 486

Multicentric leiomyosarcoma in a young male horse [KC MacGillivray et al], 1017

Usefulness, completeness, and accuracy of Web sites providing information on osteoarthritis in dogs [CT Jehn et al], 1272

Diagnosis and treatment of arthrosis of cervical articular facet joints in Scottish Deerhounds: 9 cases (1998–2002) [S Kinzel et al], 1311

Histiocytic sarcoma in the femur in a cat [BR Austin et al], 1569

Interactions of substrate availability, exercise performance, and nutrition with muscle glycogen metabolism in horses [VA Lacombe et al], 1576

#### Mycobacterium spp

Evaluation of bacteriologic culture of individual and pooled fecal samples for detection of *Mycobacterium paratuberculosis* in dairy cattle herds [SJ Wells et al], 1022

Economic consequences of control programs for paratuberculosis in midsize dairy farms in the United States [H Groenendaal et al], 1757

#### Mycology

Dermatophytosis in three colony-born spotted hyenas [NE Hahn et al], 1809

#### Mycoplasma spp

Patterns of mycoplasma shedding in the milk of dairy cows with intramammary mycoplasma infection [MK Biddle et al], 1163

#### Myeloma

Unusual IgM-secreting multiple myeloma in a dog [SJ Lautzenhisser et al], 645



## N

### Navicular Disease

Injection of corticosteroids, hyaluronate, and amikacin into the navicular bursa in horses with signs of navicular area pain unresponsive to other treatments: 25 cases (1999–2002) [RM Dabareiner et al], 1469

### Nematodes

Evaluation of prevalence and clinical implications of anthelmintic resistance in gastrointestinal nematodes in goats [LL Mortensen et al], 495

### Nervous System

Neurologic disease putatively associated with ingestion of *Solanum viarum* in goats [MB Porter et al], 501

Comparison of the retrobulbar and Peterson nerve block techniques via magnetic resonance imaging in bovine cadavers [SG Pearce et al], 852

Neurologic complications after melarsomine dihydrochloride treatment for *Dirofilaria immitis* in three dogs [BF Hettlich et al], 1456

Lobar holoprosencephaly in a Miniature Schnauzer with hypodipsic hyponatremia [SA Sullivan et al], 1783

### Newfoundlands

Taurine deficiency in Newfoundlands fed commercially available complete and balanced diets [RC Backus et al], 1130

### New Procedures for Manuscript Submission and Peer Review

858

### Nitrofurazone

Update on FARAD food animal drug withholding recommendations [SRR Haskell et al], 1277

### Nutrition

Milk, plasma, and blood urea nitrogen concentrations, dietary protein, and fertility in dairy cattle [P Melendez et al], 628

Interactions of substrate availability, exercise performance, and nutrition with muscle glycogen metabolism in horses [VA Lacombe et al], 1576

## O

### Obstruction

Use of an esophagram to detect obstruction of the esophagus in a puppy [AG Burgos-Rodriguez], 43

Duodenal obstruction caused by malposition of the gallbladder in a heifer [D Boerboom et al], 1475

### Omeprazole

Odds of moderate or severe gastric ulceration in racehorses receiving antiulcer medications [JA Orsini et al], 336

### Oncology

Fracture of the calcaneus in a dog [M Gillick et al], 439

Unusual IgM-secreting multiple myeloma in a dog [SJ Lautzenhiser et al], 645

Acute severe hemorrhage secondary to arterial invasion in a dog with thyroid carcinoma [KA Slensky et al], 649

Surgical management of adrenal gland tumors with and without associated tumor thrombi in dogs: 40 cases (1994–2001) [AE Kyles et al], 654

Hypoglycemia and irreversible neurologic complications in a cat with insulinoma [AC Kraje], 812

Carcinoma of the apocrine glands of the anal sac in dogs: 113 cases (1985–1995) [LE Williams et al], 825

Multicentric leiomyosarcoma in a young male horse [KC MacGillivray et al], 1017

Multicenter case-control study of risk factors associated with development of vaccine-associated sarcomas in cats [PH Kass et al], 1283

Increased toxicity of P-glycoprotein-substrate chemotherapeutic

agents in a dog with the MDR1 deletion mutation associated with ivermectin sensitivity [KL Mealey et al], 1453

### Ophthalmology

Use of high-resolution ultrasound as a diagnostic tool in veterinary ophthalmology [E Bentley et al], 1617

### Orthopedics

Use of a dynamic compression plate and a cable cerclage system for repair of a fracture of the radius in a horse [DM Bolt et al], 89

Use of a plate-rod construct and principles of biological osteosynthesis for repair of diaphyseal fractures in dogs and cats: 47 cases (1994–2001) [MR Reems et al], 330

Use of a three-drill tract technique for arthrodesis of the distal tarsal joints in horses with distal tarsal osteoarthritis: 54 cases (1990–1999) [JE Dechant et al], 1800

### Osteoarthritis

Usefulness, completeness, and accuracy of Web sites providing information on osteoarthritis in dogs [CT Jehn et al], 1272

Use of a three-drill tract technique for arthrodesis of the distal tarsal joints in horses with distal tarsal osteoarthritis: 54 cases (1990–1999) [JE Dechant et al], 1800

### Osteomyelitis

Osteomyelitis secondary to trauma involving the proximal end of the radius in horses: five cases (1987–2001) [EL Swinebroad et al], 486

### Osteosarcoma

Fracture of the calcaneus in a dog [M Gillick et al], 439

Osteosarcoma in the foot of a dog [MY Powers et al], 1419

### Osteosynthesis

Use of a plate-rod construct and principles of biological osteosynthesis for repair of diaphyseal fractures in dogs and cats: 47 cases (1994–2001) [MR Reems et al], 330

### Oxytetracycline

Update on FARAD food animal drug withholding recommendations [SRR Haskell et al], 1277

## P

### Packed Cell Volume

Accuracy and precision of a point-of-care hemoglobinometer for measuring hemoglobin concentration and estimating packed cell volume in horses [H Chevalier et al], 78

### Pain

A world of hurts—is pain special? [FD McMillan], 183

### Pancreas

Clinical differentiation of acute necrotizing from chronic nonsuppurative pancreatitis in cats: 63 cases (1996–2001) [JA Ferreri et al], 469

Hypoglycemia and irreversible neurologic complications in a cat with insulinoma [AC Kraje], 812

### Parascaris equorum

Identification of foals infected with *Parascaris equorum* apparently resistant to ivermectin [FPD Hearn et al], 482

### Parasitology

Efficacy and safety of topical administration of selamectin for treatment of ear mite infestation in rabbits [TL McTier et al], 322

Identification of foals infected with *Parascaris equorum* apparently resistant to ivermectin [FPD Hearn et al], 482

Evaluation of prevalence and clinical implications of anthelmintic resistance in gastrointestinal nematodes in goats [LL Mortensen et al], 495

Efficacy of selamectin in the treatment and control of clinical signs of flea allergy dermatitis in dogs and cats experimentally infested with fleas [SK Dickin et al], 639

Prophylactic use of decoquinate for infections with *Cryptosporidium parvum* in experimentally challenged neonatal calves [DA Moore et al], 839

*Babesia odocoilei* infection in elk [LL Galletin et al], 1027

Concurrent bartonellosis and babesiosis in a dog with persistent thrombocytopenia [AD Tuttle et al], 1306

#### Paratuberculosis

Economic consequences of control programs for paratuberculosis in midsize dairy farms in the United States [H Groenendaal et al], 1757

#### Parturition

Use of fetal skeletal mineralization for prediction of parturition date in cats [DR Haney et al], 1614

#### Patent Ductus Arteriosus

Use of a self-expanding occluding stent for nonsurgical closure of patent ductus arteriosus in dogs [DS Sisson], 999

#### Pericarditis

Case-control study of factors associated with fibrinous pericarditis among horses in central Kentucky during spring 2001 [JL Seahorn et al], 832

#### Peritoneum

Diagnostic peritoneal lavage for identification of blastomycosis in a dog with peritoneal involvement [C Nielsen et al], 1623

#### Perspectives in Professional Education

Personal characteristics, knowledge of the veterinary profession, and influences on career choice among students in the veterinary school applicant pool [DR Ilgen et al], 1587

#### P-glycoprotein-substrate

Increased toxicity of P-glycoprotein-substrate chemotherapeutic agents in a dog with the MDR1 deletion mutation associated with ivermectin sensitivity [KL Mealey et al], 1453

#### Pharynx

Surgical management of cricopharyngeal dysphagia in dogs: 14 cases (1989–2001) [JJ Warnock et al], 1462

#### Phenylbutazone

Update on FARAD food animal drug withholding recommendations [SRR Haskell et al], 1277

#### Plastron

Use of a supraplastron approach to the coelomic cavity for repair of an esophageal tear in a loggerhead sea turtle [GH Jaeger et al], 353

#### Plate

Use of a dynamic compression plate and a cable cerclage system for repair of a fracture of the radius in a horse [DM Bolt et al], 89

#### Pneumonia

Clinicopathologic and radiographic features and etiologic agents in cats with histologically confirmed infectious pneumonia: 39 cases (1991–2000) [ES Macdonald et al], 1142

Fetal bronchopneumonia in a dairy herd [L Strelow], 1423

#### Pneumoperitoneum

Pneumoperitoneum in dogs and cats: 39 cases (1983–2002) [WB Saunders et al], 462

#### Pneumothorax

Pneumothorax in a horse with recurrent airway obstruction [MA Roberts et al], 617

#### Polymethylmethacrylate

Cranioplasty by means of molded polymethylmethacrylate pros-

thetic reconstruction after radical excision of neoplasms of the skull in two dogs [KJ Bryant et al], 67

#### Poultry

Waste management: the poultry industry [EN Gingerich], 55

#### Procedure for Reporting Professional Misconduct

1045

#### Propofol

Use of a combination of propofol and fentanyl, alfentanil, or sufentanil for total intravenous anesthesia in cats [GM Mendes et al], 1608

#### Protein

Milk, plasma, and blood urea nitrogen concentrations, dietary protein, and fertility in dairy cattle [P Melendez et al], 628

#### Psoriasiform-lichenoid-like Dermatitis

Psoriasiform-lichenoid-like dermatitis in three dogs treated with microemulsified cyclosporine A [AH Werner], 1013

#### Public Health

Medical waste management in veterinary practice [SRR Haskell et al], 46

Waste management: equine carcass disposal [SRR Haskell et al], 48

Waste management: milk-handling facilities [SRR Haskell et al], 50

Waste management: expired drugs [SRR Haskell et al], 51

Waste management: small animal practice [AJ Krauss], 53

Waste management: the poultry industry [EN Gingerich], 55

Waste management: aquaculture and fisheries [MJ Kebus], 56

#### Public Veterinary Medicine: Public Health

Rabies surveillance in the United States during 2002 [JW Krebs et al], 1736

#### *Pythium insidiosum*

Immunotherapy for treatment of multicentric cutaneous pythiosis in a dog [P Hensel et al], 215

## R

#### Rabbits

Efficacy and safety of topical administration of selamectin for treatment of ear mite infestation in rabbits [TL McTier et al], 322

Outbreak of rabbit hemorrhagic disease in domestic lagomorphs [ER Campagnolo et al], 1151

#### Rabies

Incidence of adverse events in ferrets vaccinated with distemper or rabies vaccine: 143 cases (1995–2001) [CB Greenacre], 663

Letter [J Lincoln], 1112

Response [CB Greenacre], 1112

Rabies surveillance in the United States during 2002 [JW Krebs et al], 1736

#### Racing

Risk factors for atrial fibrillation during racing in slow-finishing horses [H Ohmura et al], 84

Risk factors and prevalence of injuries in horses during various types of steeplechase races [JO Stephen et al], 1791

#### Radiofrequency

Percutaneous ultrasound-guided radiofrequency heat ablation for treatment of hyperthyroidism in cats [KF Mallery et al], 1602

#### Radiology/Diagnostic Imaging

Cor triatriatum dexter in a dog [DE Hoffmann et al], 951

Letter [HE Childers], 1565

Use of an esophagram to detect obstruction of the esophagus in a puppy [AG Burgos-Rodriguez], 43

Abdominal cyst in a cat [SD Goettl], 191

Fracture of the greater trochanter of the femur in a cat [M Gillick], 303

Fracture of the calcaneus in a dog [M Gillick et al], 439

Pneumothorax in a horse with recurrent airway obstruction [MA Roberts et al], 617

Intestinal adenocarcinoma and trichobezoars in a cat [CH Gardner et al], 783

Esophageal obstruction by a trichobezoar in a cat [KM Agnello et al], 1115

Clinicopathologic and radiographic features and etiologic agents in cats with histologically confirmed infectious pneumonia: 39 cases (1991–2000) [ES Macdonald et al], 1142

Cavitary lesions in the lungs of a dog with pneumonia [DA Robinson et al], 1259

Histiocytic sarcoma in the femur in a cat [BR Austin et al], 1569

Use of fetal skeletal mineralization for prediction of parturition date in cats [DR Haney et al], 1614

Use of high-resolution ultrasound as a diagnostic tool in veterinary ophthalmology [E Bentley et al], 1617

Demographic, clinical, and radiographic features of bronchiectasis in dogs: 316 cases (1988–2000) [EC Hawkins et al], 1628

Transitional cell carcinoma in a dog [RM Dudley], 1731

#### Radius

Use of a dynamic compression plate and a cable cerclage system for repair of a fracture of the radius in a horse [DM Bolt et al], 89

Osteomyelitis secondary to trauma involving the proximal end of the radius in horses: five cases (1987–2001) [EL Swinebroad et al], 486

#### Recurrent Airway Obstruction

Pneumothorax in a horse with recurrent airway obstruction [MA Roberts et al], 617

Analysis of risk factors for recurrent airway obstruction in North American horses: 1,444 cases (1990–1999) [LL Couëttil et al], 1645

#### Reference Point

Myths and misconceptions in small animal anesthesia [AE Wagner et al], 1426

#### Relinquishment

Evaluation of association between retention in the home and attendance at puppy socialization classes [MM Duxbury et al], 61

#### Reproductive System

Leiomyosarcoma of the uterus in a mare [AM Hinojosa et al], 786

Evaluation of effect of estradiol cypionate administered prophylactically to postparturient dairy cows at high risk for metritis [MW Overton et al], 846

Fetal bronchopneumonia in a dairy herd [L Strelow], 1423

Use of fetal skeletal mineralization for prediction of parturition date in cats [DR Haney et al], 1614

#### Respiratory System

Pneumothorax in a horse with recurrent airway obstruction [MA Roberts et al], 617

Clinicopathologic and radiographic features and etiologic agents in cats with histologically confirmed infectious pneumonia: 39 cases (1991–2000) [ES Macdonald et al], 1142

Cavitary lesions in the lungs of a dog with pneumonia [DA Robinson et al], 1259

Demographic, clinical, and radiographic features of bronchiectasis in dogs: 316 cases (1988–2000) [EC Hawkins et al], 1628

Analysis of risk factors for recurrent airway obstruction in North American horses: 1,444 cases (1990–1999) [LL Couëttil et al], 1645

#### Retention

Evaluation of association between retention in the home and attendance at puppy socialization classes [MM Duxbury et al], 61

#### *Rhodococcus equi*

Foal-related risk factors associated with development of *Rhodococcus equi* pneumonia on farms with endemic infection [MK Chaffin et al], 1791

#### *Rickettsia* spp

Implications of presumptive fatal Rocky Mountain spotted fever in two dogs and their owner [BN Elchos et al], 1450

#### Risk Analysis

Risk factors for leakage following intestinal anastomosis in dogs and cats: 115 cases (1991–2000) [SC Ralphs et al], 73

Risk factors for atrial fibrillation during racing in slow-finishing horses [H Ohmura et al], 84

Evaluation of risk factors for bite wounds inflicted on caregivers by dogs and cats in a veterinary teaching hospital [KJ Drobatz et al], 312

Multicenter case-control study of risk factors associated with development of vaccine-associated sarcomas in cats [PH Kass et al], 1283

Evaluation of dietary patterns in dogs with cardiac disease [LM Freeman et al], 1301

Association of breed with the diagnosis of congenital portosystemic shunts in dogs: 2,400 cases (1980–2002) [KM Tobias et al], 1636

Analysis of risk factors for recurrent airway obstruction in North American horses: 1,444 cases (1990–1999) [LL Couëttil et al], 1645

Foal-related risk factors associated with development of *Rhodococcus equi* pneumonia on farms with endemic infection [MK Chaffin et al], 1791

Risk factors and prevalence of injuries in horses during various types of steeplechase races [JO Stephen et al], 1791

#### Rocky Mountain Spotted Fever

Implications of presumptive fatal Rocky Mountain spotted fever in two dogs and their owner [BN Elchos et al], 1450

## S

#### *Salmonella* spp

Detection of *Salmonella* organisms and assessment of a protocol for removal of contamination in horse stalls at a veterinary teaching hospital [CA Alinovi et al], 1640

#### Sarcoma

Histiocytic sarcoma in the femur in a cat [BR Austin et al], 1569

#### Scottish Deerhounds

Diagnosis and treatment of arthrosis of cervical articular facet joints in Scottish Deerhounds: 9 cases (1998–2002) [S Kinzel et al], 1311

#### Selamectin

Efficacy and safety of topical administration of selamectin for treatment of ear mite infestation in rabbits [TL McTier et al], 322

Efficacy of selamectin in the treatment and control of clinical signs of flea allergy dermatitis in dogs and cats experimentally infested with fleas [SK Dickin et al], 639

#### Serology

Comparison of culling rates among dairy cows grouped on the basis of serologic status for bovine leukemia virus [JK Rhodes et al], 229

Letter [FL Pollari et al], 946

Response [JK Rhodes et al], 946

#### Sevoflurane

Minimum alveolar concentration of sevoflurane in spontaneously breathing llamas and alpacas [TL Grubb et al], 1167

#### Shunts

Association of breed with the diagnosis of congenital portosystemic shunts in dogs: 2,400 cases (1980–2002) [KM Tobias et al], 1636

#### Skull

Cranioplasty by means of molded polymethylmethacrylate prosthetic reconstruction after radical excision of neoplasms of the skull in two dogs [KJ Bryant et al], 67

## Socialization

Evaluation of association between retention in the home and attendance at puppy socialization classes [MM Duxbury et al], 61

## *Solanum viarum*

Neurologic disease putatively associated with ingestion of *Solanum viarum* in goats [MB Porter et al], 501

## Special Reports

Medical waste management in veterinary practice [SRR Haskell et al], 46

Waste management: equine carcass disposal [SRR Haskell et al], 48

Waste management: milk-handling facilities [SRR Haskell et al], 50

Waste management: expired drugs [SRR Haskell et al], 51

Waste management: small animal practice [AJ Krauss], 53

Waste management: the poultry industry [EN Gingerich], 55

Waste management: aquaculture and fisheries [MJ Kebus], 56

Usefulness, completeness, and accuracy of Web sites providing information on osteoarthritis in dogs [CT Jehn et al], 1272

## *Sporothrix schenckii*

Sporotrichosis [RD Welsh], 1123

## Stalls

Prevalence of lameness among dairy cattle in Wisconsin as a function of housing type and stall surface [NB Cook], 1324

Comparison of injuries in sows housed in gestation stalls versus group pens with electronic sow feeders [L Anil et al], 1334

Detection of *Salmonella* organisms and assessment of a protocol for removal of contamination in horse stalls at a veterinary teaching hospital [CA Alinovi et al], 1640

## *Staphylococcus aureus*

Epidemiologic study of intramammary infections with *Staphylococcus aureus* during a control program in nine commercial dairy herds [A Zecconi et al], 684

## Steeplechase

Risk factors and prevalence of injuries in horses during various types of steeplechase races [JO Stephen et al], 1791

## Stents

Use of a self-expanding occluding stent for nonsurgical closure of patent ductus arteriosus in dogs [DS Sisson], 999

## Sucralfate

Odds of moderate or severe gastric ulceration in racehorses receiving antiulcer medications [JA Orsini et al], 336

## Sufentanil

Use of a combination of propofol and fentanyl, alfentanil, or sufentanil for total intravenous anesthesia in cats [GM Mendes et al], 1608

## Surgery

Cranioplasty by means of molded polymethylmethacrylate prosthetic reconstruction after radical excision of neoplasms of the skull in two dogs [KJ Bryant et al], 67

Risk factors for leakage following intestinal anastomosis in dogs and cats: 115 cases (1991–2000) [SC Ralphs et al], 73

Surgical treatment of noncommunicating duplication of the colon in a dog [EG Arthur et al], 210

Clinical use of low-profile cystostomy tubes in four dogs and a cat [KS Stiffler et al], 325

Use of a supraplaston approach to the coelomic cavity for repair of an esophageal tear in a loggerhead sea turtle [GH Jaeger et al], 353

Pneumoperitoneum in dogs and cats: 39 cases (1983–2002) [WB Saunders et al], 462

Surgical management of adrenal gland tumors with and without associated tumor thrombi in dogs: 40 cases (1994–2001) [AE Kyles et al], 654

Use of a self-expanding occluding stent for nonsurgical closure of patent ductus arteriosus in dogs [DS Sisson], 999

Surgical management of cricopharyngeal dysphagia in dogs: 14 cases (1989–2001) [JJ Warnock et al], 1462

Duodenal obstruction caused by malposition of the gallbladder in a heifer [D Boerboom et al], 1475

## Surveys

Development and validation of a questionnaire for measuring behavior and temperament traits in pet dogs [Y Hsu et al], 1293

Evaluation of the advisory services provided by the Food Animal Residue Avoidance Databank [J Wang et al], 1596

## T

### Tarsal Joints

Use of a three-drill tract technique for arthrodesis of the distal tarsal joints in horses with distal tarsal osteoarthritis: 54 cases (1990–1999) [JE Dechant et al], 1800

### Taurine

Taurine deficiency in dogs with dilated cardiomyopathy: 12 cases (1997–2001) [AJ Fascetti et al], 1137

Letter [S Machlik], 1565

Taurine deficiency in Newfoundlands fed commercially available complete and balanced diets [RC Backus et al], 1130

### Temperament

Development and validation of a questionnaire for measuring behavior and temperament traits in pet dogs [Y Hsu et al], 1293

### Theriogenology

Leiomyosarcoma of the uterus in a mare [AM Hinojosa et al], 786

Evaluation of effect of estradiol cypionate administered prophylactically to postparturient dairy cows at high risk for metritis [MW Overton et al], 846

Fetal bronchopneumonia in a dairy herd [L Strelow], 1423

### Theriogenology Question of the Month

Leiomyosarcoma of the uterus in a mare [AM Hinojosa et al], 786

Fetal bronchopneumonia in a dairy herd [L Strelow], 1423

### Thrombi

Surgical management of adrenal gland tumors with and without associated tumor thrombi in dogs: 40 cases (1994–2001) [AE Kyles et al], 654

### Thrombocytopenia

Concurrent bartonellosis and babesiosis in a dog with persistent thrombocytopenia [AD Tuttle et al], 1306

### Thyroid Gland

Thyroid function in mature horses ingesting endophyte-infected fescue seed [BA Breuhaus], 340

Acute severe hemorrhage secondary to arterial invasion in a dog with thyroid carcinoma [KA Slensky et al], 649

Percutaneous ultrasound-guided radiofrequency heat ablation for treatment of hyperthyroidism in cats [KF Mallory et al], 1602

### Timely Topics in Nutrition

Milk, plasma, and blood urea nitrogen concentrations, dietary protein, and fertility in dairy cattle [P Melendez et al], 628

Interactions of substrate availability, exercise performance, and nutrition with muscle glycogen metabolism in horses [VA Lacombe et al], 1576

### Tolazoline

Update on FARAD food animal drug withholding recommendations [SRR Haskell et al], 1277

### Tongue

Complete ventral ankyloglossia in three related dogs [MD Temizsoylu et al], 1443

## Toxicology

- Thyroid function in mature horses ingesting endophyte-infected fescue seed [BA Breuhaus], 340  
Neurologic disease putatively associated with ingestion of *Solanum viarum* in goats [MB Porter et al], 501

## Transitional Cell Carcinoma

- Transitional cell carcinoma in a dog [RM Dudley], 1731

## Trap-Neuter-Return

- Number of unowned free-roaming cats in a college community in the southern United States and characteristics of community residents who feed them [JK Levy et al], 202

## Trichobezoars

- Intestinal adenocarcinoma and trichobezoars in a cat [CH Gardner et al], 783

## Trochanter

- Fracture of the greater trochanter of the femur in a cat [M Gillick], 303

## Turtles

- Use of a supraplastron approach to the coelomic cavity for repair of an esophageal tear in a loggerhead sea turtle [GH Jaeger et al], 353

# U

## Ulcers

- Odds of moderate or severe gastric ulceration in racehorses receiving antiulcer medications [JA Orsini et al], 336

## Ultrasonography

- Ultrasonographic detection of ingested and perforating wooden foreign bodies in four dogs [D Penninck et al], 206  
Diagnostic quality of percutaneous kidney biopsy specimens obtained with laparoscopy versus ultrasound guidance in dogs [CA Rawlings et al], 317  
Ultrasound measurement of sole horn thickness in trimmed claws of dairy cows [SR van Amstel et al], 492  
Percutaneous ultrasound-guided radiofrequency heat ablation for treatment of hyperthyroidism in cats [KF Mallery et al], 1602  
Use of high-resolution ultrasound as a diagnostic tool in veterinary ophthalmology [E Bentley et al], 1617

## Update: News from NCVI

- Reversing the downward trend [HE Rubin], 306

## Urea Nitrogen

- Milk, plasma, and blood urea nitrogen concentrations, dietary protein, and fertility in dairy cattle [P Melendez et al], 628

## Ureters

- Evaluation of transurethral cystoscopy and excretory urography for diagnosis of ectopic ureters in female dogs: 25 cases (1992–2000) [KL Cannizzo et al], 475  
Bilateral ectopic ureters in a male dog with unilateral renal agenesis [KG Taney et al], 817

## Urethra

- Medical management of urethral and colonic perforation associated with urinary catheterization in a kitten [JC Whittemore], 815

## Urinary System

- Evaluation of the role of lower urinary tract disease in cats with urine-marking behavior [VV Tynes et al], 457  
Letter [B Stuart], 1112  
Response [VV Tynes], 1112  
Abdominal cyst in a cat [SD Goett], 191  
Diagnostic quality of percutaneous kidney biopsy specimens obtained with laparoscopy versus ultrasound guidance in dogs [CA Rawlings et al], 317  
Clinical use of low-profile cystostomy tubes in four dogs and a cat [KS Stiffler et al], 325

- Evaluation of transurethral cystoscopy and excretory urography for diagnosis of ectopic ureters in female dogs: 25 cases (1992–2000) [KL Cannizzo et al], 475

- Medical management of urethral and colonic perforation associated with urinary catheterization in a kitten [JC Whittemore], 815  
Bilateral ectopic ureters in a male dog with unilateral renal agenesis [KG Taney et al], 817

- Intravesicular administration of clotrimazole for treatment of candiduria in a cat with diabetes mellitus [J Toll et al], 1156

- Transitional cell carcinoma in a dog [RM Dudley], 1731

- Glomerulocystic kidney disease in a kitten [KR Harkin et al], 1780

## Urination

- Fear and submissive urination in a dog [P Pryor], 790

## Urine Marking

- Evaluation of the role of lower urinary tract disease in cats with urine-marking behavior [VV Tynes et al], 457  
Letter [B Stuart], 1112  
Response [VV Tynes], 1112  
Urine marking and aggression in a cat [P Pryor], 1117

## Urography

- Evaluation of transurethral cystoscopy and excretory urography for diagnosis of ectopic ureters in female dogs: 25 cases (1992–2000) [KL Cannizzo et al], 475

## Uterus

- Leiomyosarcoma of the uterus in a mare [AM Hinojosa et al], 786

# V

## Vaccination-site Associated Sarcomas

- Multicenter case-control study of risk factors associated with development of vaccine-associated sarcomas in cats [PH Kass et al], 1283

## Vaccinology

- Incidence of adverse events in ferrets vaccinated with distemper or rabies vaccine: 143 cases (1995–2001) [CB Greenacre], 663  
Letter [J Lincoln], 1112  
Response [CB Greenacre], 1112  
Multicenter case-control study of risk factors associated with development of vaccine-associated sarcomas in cats [PH Kass et al], 1283

## Veterinary Education

- Personal characteristics, knowledge of the veterinary profession, and influences on career choice among students in the veterinary school applicant pool [DR Ilgen et al], 1587

## Veterinary Practice

- Medical waste management in veterinary practice [SRR Haskell et al], 46  
Waste management: equine carcass disposal [SRR Haskell et al], 48  
Waste management: milk-handling facilities [SRR Haskell et al], 50  
Waste management: expired drugs [SRR Haskell et al], 51  
Waste management: small animal practice [A Krauss], 53  
Waste management: the poultry industry [EN Gingerich], 55  
Waste management: aquaculture and fisheries [MJ Kebus], 56  
Revenues, expenses, and returns on resources for private veterinary practices in the United States, 1999 and 2001 [JK Wise et al], 193  
Veterinary practice expenses and financial ratios, 2001 [JK Wise et al], 442  
Size and organization of private veterinary practices, 2001 [JK Wise et al], 793  
Selection of a veterinarian by US pet-owning households [JK Wise et al], 1121

## Veterinary Profession

- Reversing the downward trend [HE Rubin], 306

## Veterinary Students

- Personal characteristics, knowledge of the veterinary profession, and influences on career choice among students in the veterinary school applicant pool [DR Ilgen et al], 1587



## Virology

- Evaluation of bovine viral diarrhea virus in New World camelids [PA Wentz et al], 223  
Economic implications of bovine leukemia virus infection in mid-Atlantic dairy herds [JK Rhodes et al], 346  
Surveillance for detection of foot-and-mouth disease [TW Bates et al], 609  
Outbreak of rabbit hemorrhagic disease in domestic lagomorphs [ER Campagnolo et al], 1151  
Rabies surveillance in the United States during 2002 [JW Krebs et al], 1736

## W

### Waste

- Medical waste management in veterinary practice [SRR Haskell et al], 46  
Waste management: equine carcass disposal [SRR Haskell et al], 48  
Waste management: milk-handling facilities [SRR Haskell et al], 50  
Waste management: expired drugs [SRR Haskell et al], 51  
Waste management: small animal practice [AJ Krauss], 53  
Waste management: the poultry industry [EN Gingerich], 55  
Waste management: aquaculture and fisheries [MJ Kebus], 56

### Web Sites

- Usefulness, completeness, and accuracy of Web sites providing information on osteoarthritis in dogs [CT Jehn et al], 1272

### What Is Your Diagnosis?

- Cor triatriatum dexter in a dog [DE Hoffmann et al], 951  
Letter [HE Childers], 1565  
Use of an esophagram to detect obstruction of the esophagus in a puppy [AG Burgos-Rodriguez], 43  
Abdominal cyst in a cat [SD Goett], 191  
Fracture of the greater trochanter of the femur in a cat [M Gillick], 303  
Fracture of the calcaneus in a dog [M Gillick et al], 439  
Pneumothorax in a horse with recurrent airway obstruction [MA Roberts et al], 617

- Intestinal adenocarcinoma and trichobezoars in a cat [CH Gardner et al], 783  
Esophageal obstruction by a trichobezoar in a cat [KM Agnello et al], 1115  
Cavitary lesions in the lungs of a dog with pneumonia [DA Robinson et al], 1259  
Osteosarcoma in the foot of a dog [MY Powers et al], 1419  
Histiocytic sarcoma in the femur in a cat [BR Austin et al], 1569  
Transitional cell carcinoma in a dog [RM Dudley], 1731

### Wildlife

- Use of a supraplastron approach to the coelomic cavity for repair of an esophageal tear in a loggerhead sea turtle [GH Jaeger et al], 353

## X

### Xylazine

- Update on FARAD food animal drug withholding recommendations [SRR Haskell et al], 1277

## Z

### Zoonoses

- Sporotrichosis [RD Welsh], 1123  
Implications of presumptive fatal Rocky Mountain spotted fever in two dogs and their owner [BN Elchos et al], 1450  
Rabies surveillance in the United States during 2002 [JW Krebs et al], 1736  
Ehrlichiosis and related infections [JH McQuiston et al], 1750

### Zoonosis Update

- Human campylobacteriosis: a challenge for the veterinary profession [SF Altekruse et al], 445  
Letter [DD Copeland], 1110  
Response [SF Altekruse et al], 1111  
Letter [RA Carnevale], 1252  
Response [SF Altekruse et al], 1253  
Sporotrichosis [RD Welsh], 1123  
Lyme borreliosis [CL Fritz et al], 1261  
Ehrlichiosis and related infections [JH McQuiston et al], 1750

